

Service Manual

Volume 2

DVCPRO

Digital Video Cassette Recorder

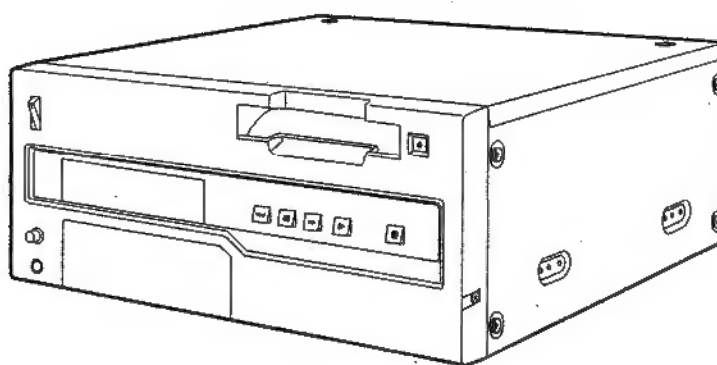
AJ-D650E

AJ-D640E

Sec. 1 *Block Diagrams*

Sec. 2 *Schematic Diagrams*

Sec. 3 *Circuit Board Diagrams*



Please refer to the Service Manual Volume 1 (order No. VSD9612MJ01A) for operating instructions, service information, maintenance & mechanical adjustments, electrical adjustments and exploded views & replacement parts lists.

Panasonic

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service manual by anyone else could result in serious injury or death.

INTRODUCTION

This service manual contains technical information which will allow service personnels to understand and service the DVCPRO Studio VTR AJ-D650E/D640E.

If the part or circuit is changed or modified, this information will be followed by supplementary service manual to be filed with original manual.

Specifications

GENERAL

Power supply:	AC 220 V - 240 V \pm 10%, 50 - 60 Hz
Power consumption:	150 W

Operating ambient temperature: 5°C to 40°C
Operating ambient humidity: 10% to 90% (no condensation)
Weight: 16 kg
Dimensions (W×H×D): 424×175×415 mm
Recording format: DVCPRO format
Recording tracks: Digital video

Time code Recorded in sub-code area
Digital audio 2channels
Cue Track 1 track
Control (CTL) 1 track

Tape speed: 33.854 mm/sec
Recording time: General purpose
 cassette; Max. 123 minutes
 News-gathering
 cassette; Max. 63 minutes

Tape: 1/4-inch thin magnetic layer metal tape
FF/REW time: Less than 3 min (with general purpose cassette)
 Less than 2 min (with news-gathering cassette)

Search speed: 0 to $\pm 60\times$ normal speed (colour)
Digital slow motion: +0.75 \times normal speed in + direction
 -0.43 \times normal speed in - direction
Editing accuracy: ± 0 frame (using time code)
Tape timer accuracy: ± 1 frame (using continuous CTL signal)
Servo lock time: Less than 0.5 sec. (colour framing/standby ON)

VIDEO

(Digital video)

Sampling frequencies: Y: 13.5 MHz/Pb, Pr: 3.375 MHz
Quantizing: 8 bits
Error correction: Reed-Solomon product code

(Digital IN/analog component OUT)

Video bandwidth: Y: 25 Hz to 5.5 MHz (± 1.0 dB)
 Pb, Pr: 25 Hz to 1.3 MHz (± 1.0 dB)
S/N ratio: Better than 60 dB
K factor: Less than 2%

(Analog component IN/component OUT)

Video bandwidth: Y: 25 Hz to 5.5 MHz (-1.5 dB to +1.0 dB)
 Pb, Pr: 25 Hz to 1.3 MHz
 (-2.0 dB to +1.0 dB)
S/N ratio: 55 dB (Typ)
K factor: Less than 2%

(Analog composite IN/composite OUT)

Video bandwidth: Y: 25 Hz to 5.5 MHz (-3.0 dB to +1.0 dB)
Y/C delay: Better than 20 ns
K factor: Less than 3%

(Video input connector)

Analog component input: BNCx3 (Y, Pb, Pr)
 Y: 1.0 Vp-p, 75 Ω
 Pb, Pr: 0.7 Vp-p, 75 Ω
 (100% colour bar)
Analog composite input: BNCx2, loop-through, 75 Ω on/off
S VIDEO input: S terminal (4-pin) $\times 1$
 Y: 1.0 Vp-p, 75 Ω
 C: 0.3 Vp-p (burst), 75 Ω
Reference input: Analog composite
 BNCx2, loop-through, 75 Ω on/off
Serial digital component input (option): Complies with EBU Tech. 3267-E,
 BNCx2, active through

(Video output connector)

Analog component output: BNCx3 (Y, Pb, Pr)
 Y: 1.0 Vp-p, 75 Ω
 Pb, Pr: 0.7 Vp-p, 75 Ω
 (100% colour bar)
Analog composite output: BNCx3

 Video1/video2/video3 (superimpose on/off)

S VIDEO output: S terminal (4-pin) $\times 1$
 Y: 1.0 Vp-p, 75 Ω
 C: 0.3 Vp-p (burst), 75 Ω

Serial digital component output (option): Complies with EBU Tech. 3267-E,
 BNCx3

(Video signals adjustment)

Video output gain:	± 3 dB	} Control from ENCODER REMOTE connector
Video output chroma gain:	± 3 dB	
Video output hue:	$\pm 30^\circ$	
Video output setup:	± 100 mV	
Video output sync phase:	$\pm 2^\circ$	
Video output SC phase:	$\pm 180^\circ$	

AUDIO

(Digital audio)

Sampling frequencies: 48 kHz
Quantizing: 16 bits
Frequency response: 20 Hz to 20 kHz (-1.0 dB to +0.5 dB)
Dynamic range: Better than 86 dB (1 kHz, emphasis OFF, "A" weighted)

Distortion: Less than 0.1% (1 kHz, emphasis OFF, standard level)

Crosstalk: Less than -80 dB (1 kHz, between 2 channels)

Wow & flutter: Below measurable limits

Headroom: 18 dB

De-emphasis: T1=50 μ s/T2=15 μ s (on/off automatic)

(Cue track)

Frequency response: 300 Hz to 6 kHz ± 3 dB

(Audio input connector)

Analog input (CH1/CH2): XLRx2, 600 Ω /high impedance selectable, +4/0/-20/-60 dBu

Digital input (CH1/CH2) (option): BNCx1, AES/EBU format

Serial digital input (option): Complies with EBU Tech. 3267-E (BNC)

(Audio output connector)

Analog output (CH1/CH2): XLRx2, low impedance, +4/0/-20 dBu

Digital output (CH1/CH2)

 (option): BNCx1, AES/EBU format
Serial digital output (option): Complies with EBU Tech. 3267-E (BNC 75 Ω)

Monitor output: Phonox1, 600 Ω , -8 dBV

Headphones: Variable level, 6 mm phone, 8 Ω

Other input/output connector

Time code input: BNCx1, 0.5 to 8 Vp-p

Time code output: BNCx1, 2.0 Vp-p

RS-422A input/output: D-sub 9-pin, RS-422A interface

RS-232C: D-sub 25-pin, RS-232C interface

Encoder remote: D-sub 15-pin

Weight and dimensions when shown are approximately.

Specifications are subject to change without notice.

SAFETY PRECAUTIONS

GENERAL GUIDELINES

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1 M Ω and 5.2 M Ω .
When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

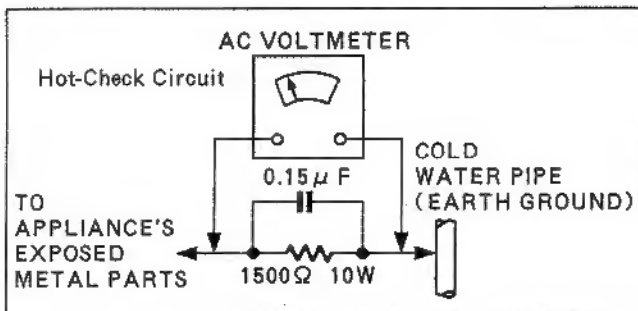


Figure 1

LEAKAGE CURRENT HOT CHECK (See Figure 1)

1. Plug the AC cord directly into the AC outlet.
Do not use an isolation transformer for this check.
2. Connect a 1.5 K Ω , 10W resistor, in parallel with 0.15 μ F capacitor, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

X-RADIATION

WARNING

1. The potential source of X-Radiation in EVF sets is the High Voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing X-Radiation.
NOTE: It is important to use an accurate periodically calibrated high voltage meter.
3. Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV, \pm 0.15kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

IMPORTANT

"Unauthorized recording of copyrighted television programs, video tapes and other materials may infringe the right of copyright owners and be contrary to copyright laws."

■ THIS APPARATUS MUST BE EARTHED

To ensure safe operation the three-pin plug must be inserted only into a standard three-pin power point which is effectively earthed through the normal house-hold wiring.

Extension cords used with the equipment must be three-core and be correctly wired to provide connection to earth. Wrongly wired extension cords are a major cause of fatalities.

The fact that the equipment operates satisfactorily does not imply that the power point is earthed and that the installation is completely safe. For your safety, if in any doubt about the effective earthing of the power point, consult a qualified electrician.

■ DO NOT REMOVE PANEL COVER BY UN-SCREWING

To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. And do not insert fingers or any other objects into the video cassette holder.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSOIRES ONLY.

CAUTION:

To reduce the risk of fire or shock hazard, refer change of switch setting inside the unit to qualified service personnel.

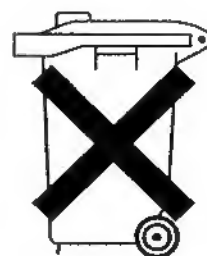
Operating precaution

Operation near any appliance which generates strong magnetic fields may give rise to noise in the video and audio signals. If this should be the case, deal with the situation by, for instance, moving the source of the magnetic fields away from the unit before operation.

☐ is the safety information.

Attention/Attentie

- This apparatus contains a lithium battery for memory back-up.
- For the removal of the battery at the moment of the disposal at the end of the service life please consult your dealer.
- Do not throw away the battery. Instead, hand it in as hazardous waste.
- Dit apparaat bevat een lithiumbatterij voor memory back-up.
- Raadpleeg uw leverancier over de verwijdering van de batterij op het moment dat u het apparaat bij einde levensduur afdankt.
- Gooi de batterij niet weg, maar lever hem in als KCA.



Memo

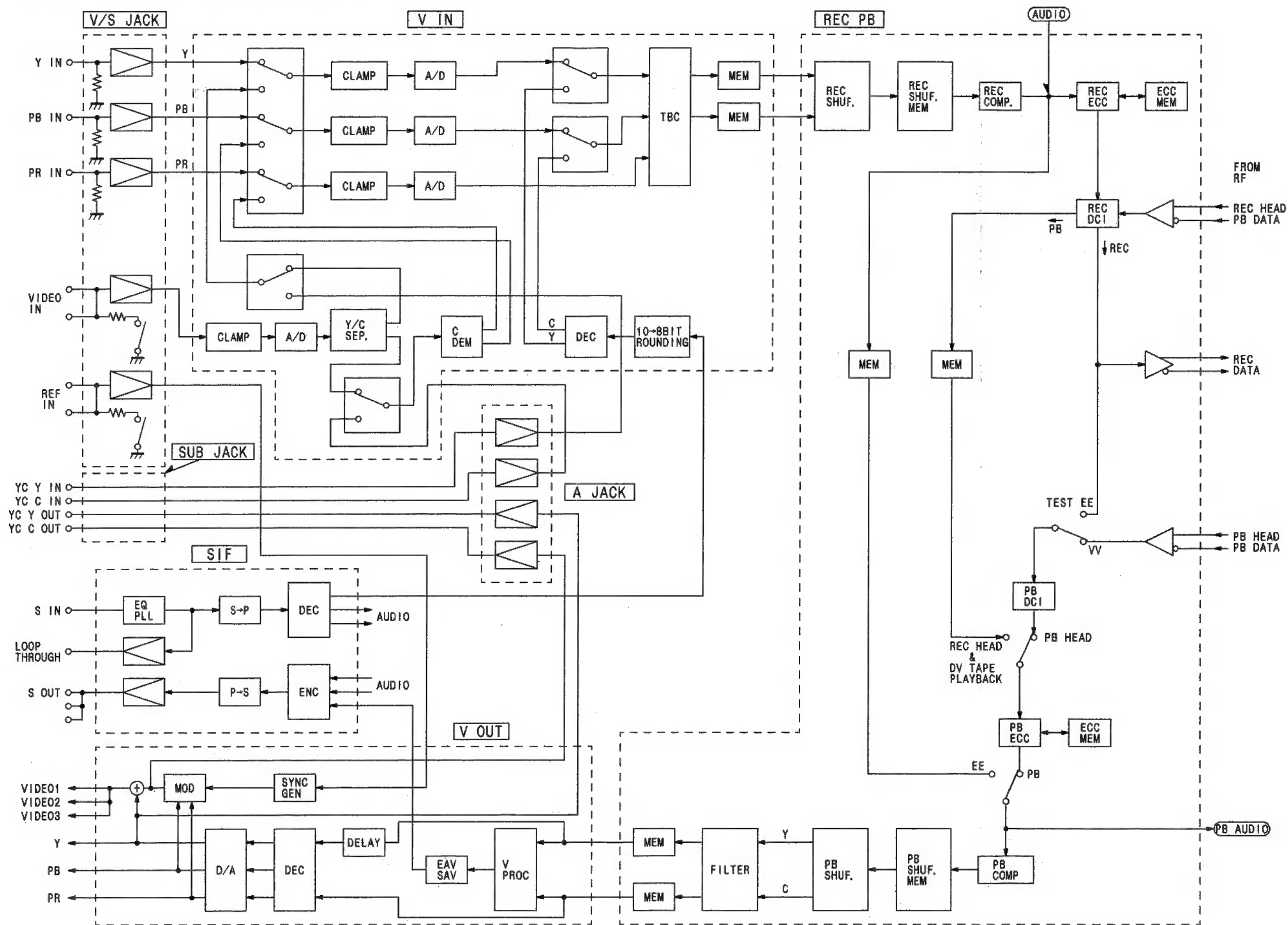
SECTION 1

BLOCK DIAGRAMS

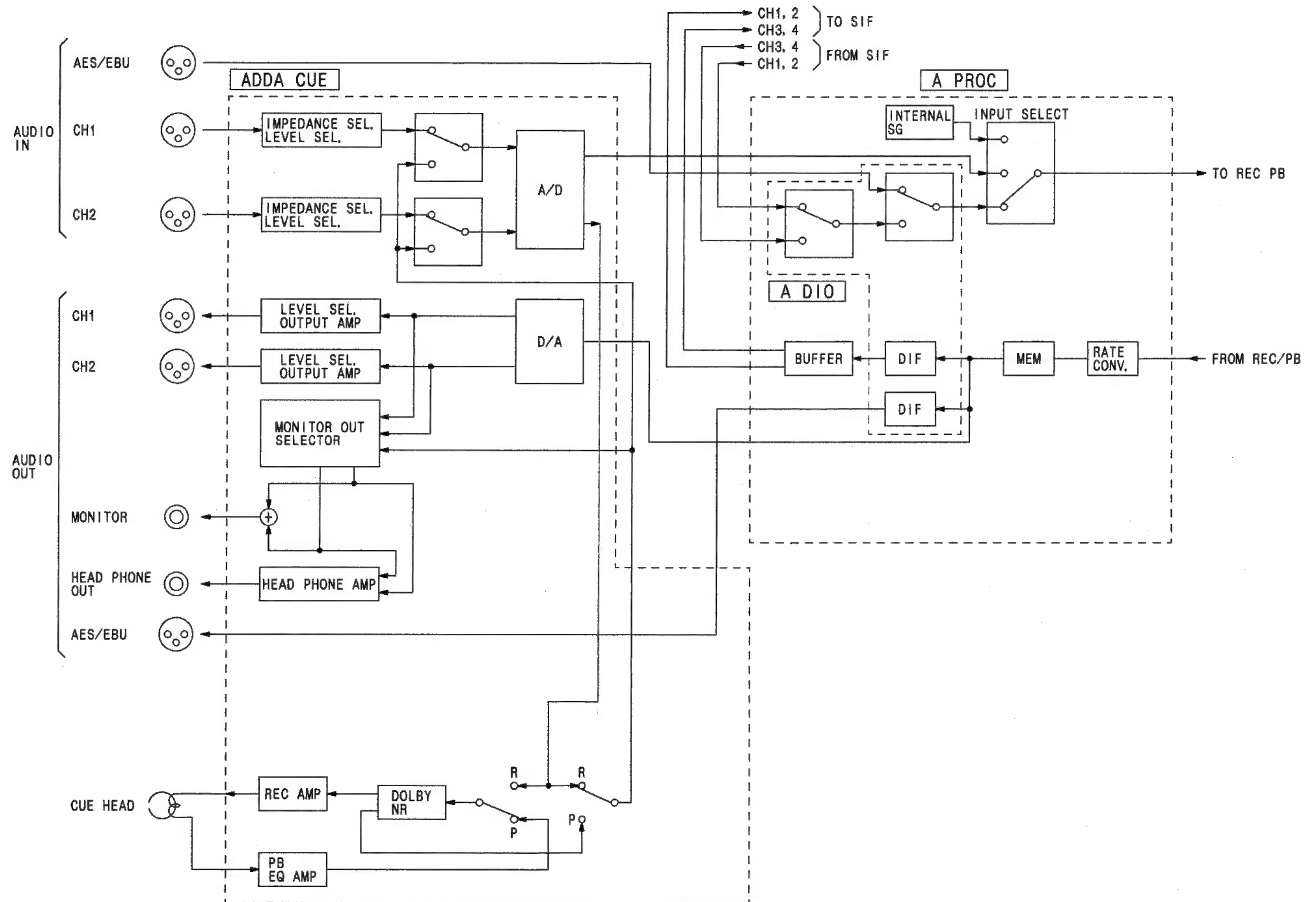
CONTENTS

VIDEO OVERALL	1-1
AUDIO OVERALL	1-2
RF OVERALL	1-3
F1 SERVO	1-4
F2 SYSCON	1-5
F4 V OUT (1/2)	1-6
F4 V OUT (2/2)	1-7
F5 REC PB	1-8
F6 V IN	1-9
F7 A PROC	1-10
F8 ADDA CUE (1/2)	1-11
F8 ADDA CUE (2/2)	1-12
H3 EQ	1-13
H4 RF AMP	1-14
HEAD BUFFER	1-15

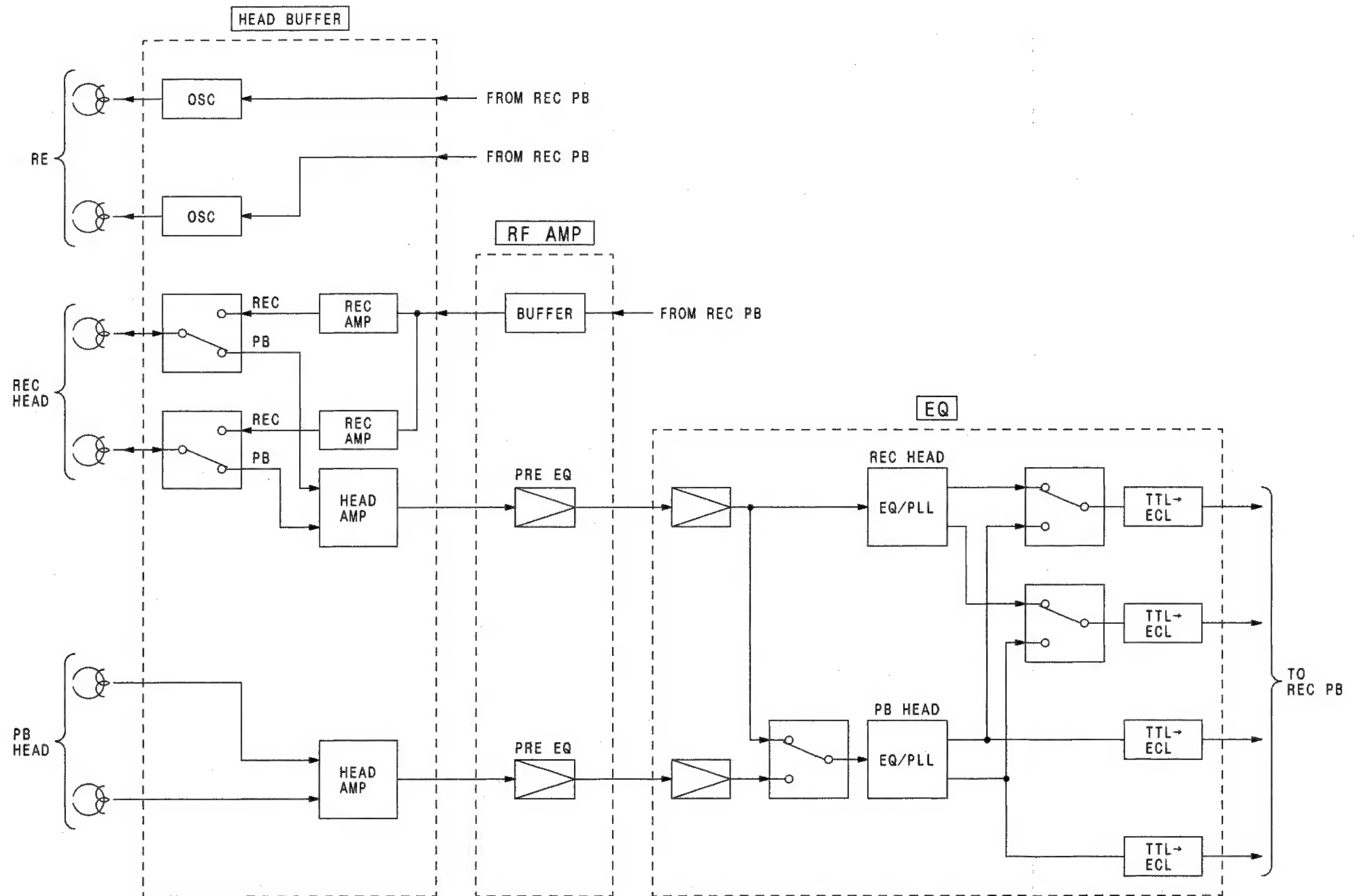
VIDEO OVERALL BLOCK DIAGRAM



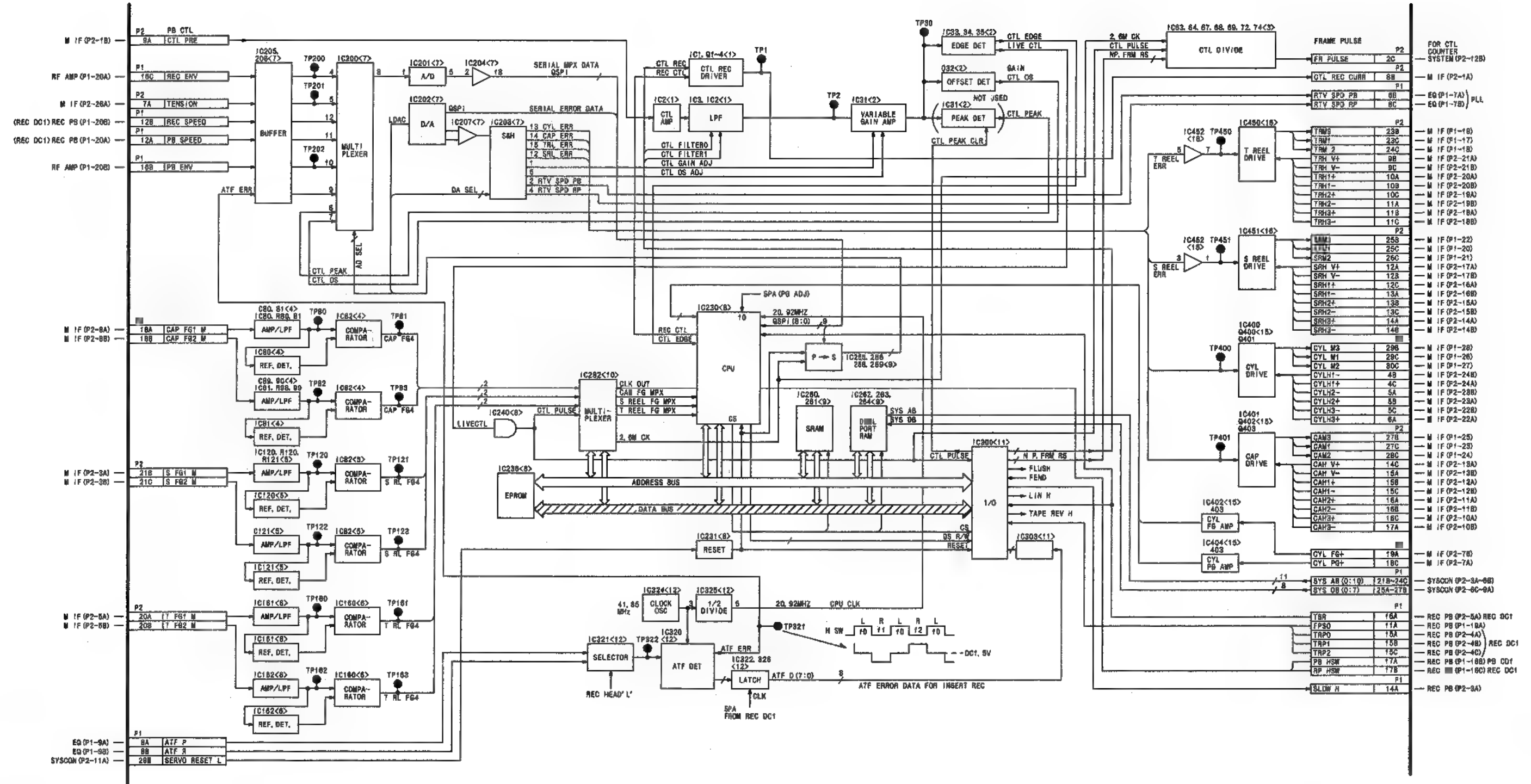
AUDIO OVERALL BLOCK DIAGRAM



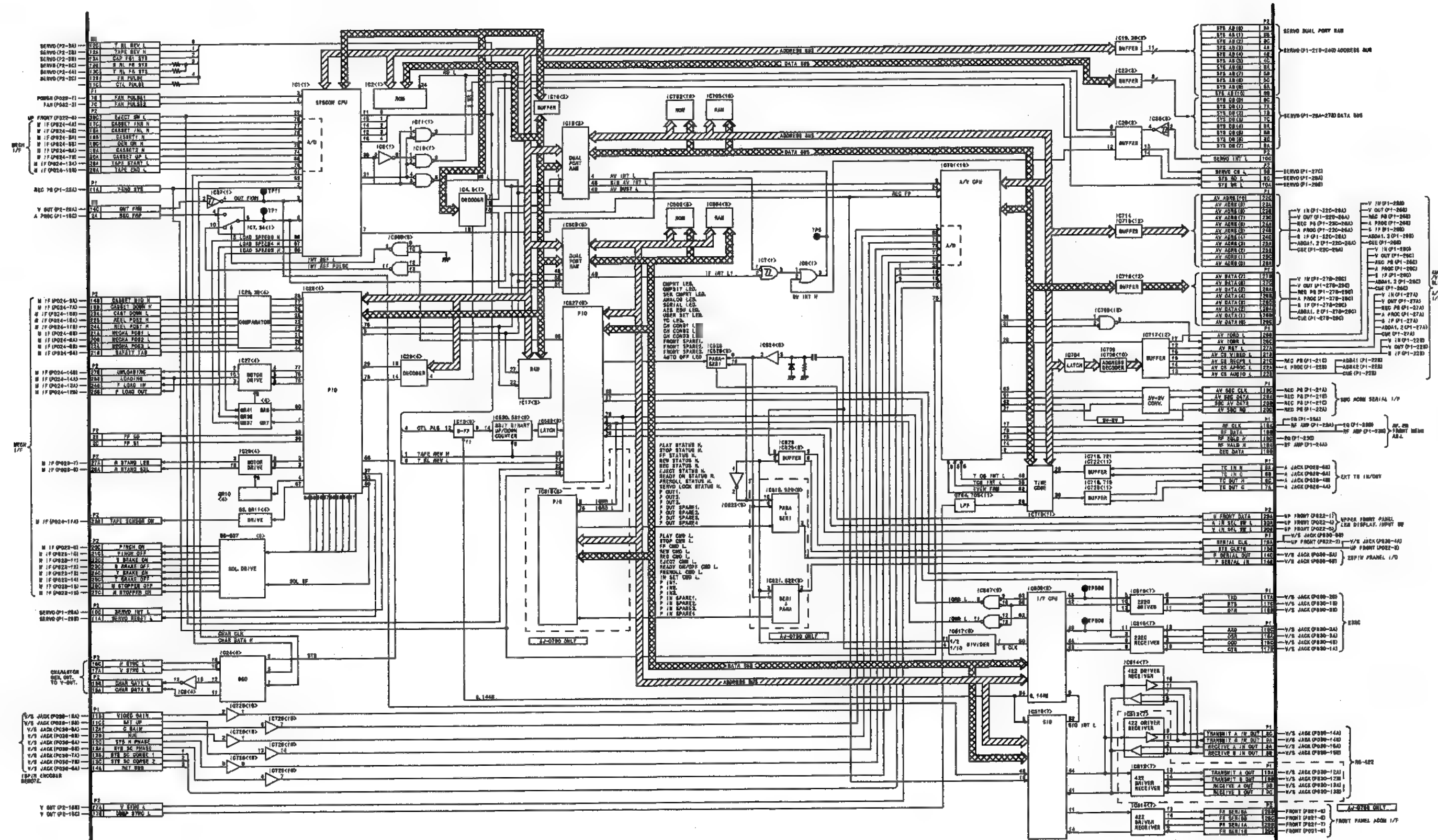
RF OVERALL BLOCK DIAGRAM



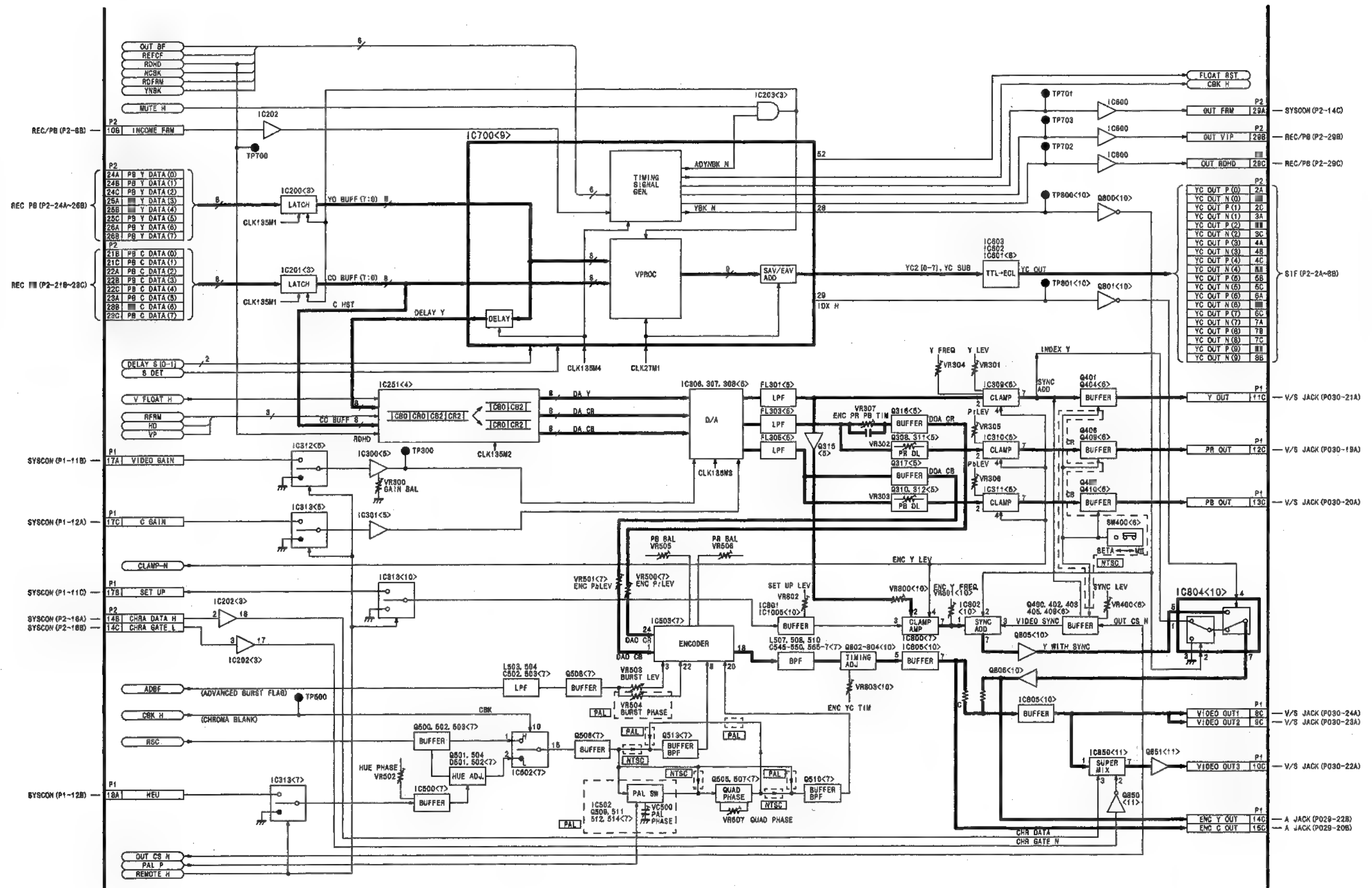
F1 SERVO BLOCK DIAGRAM



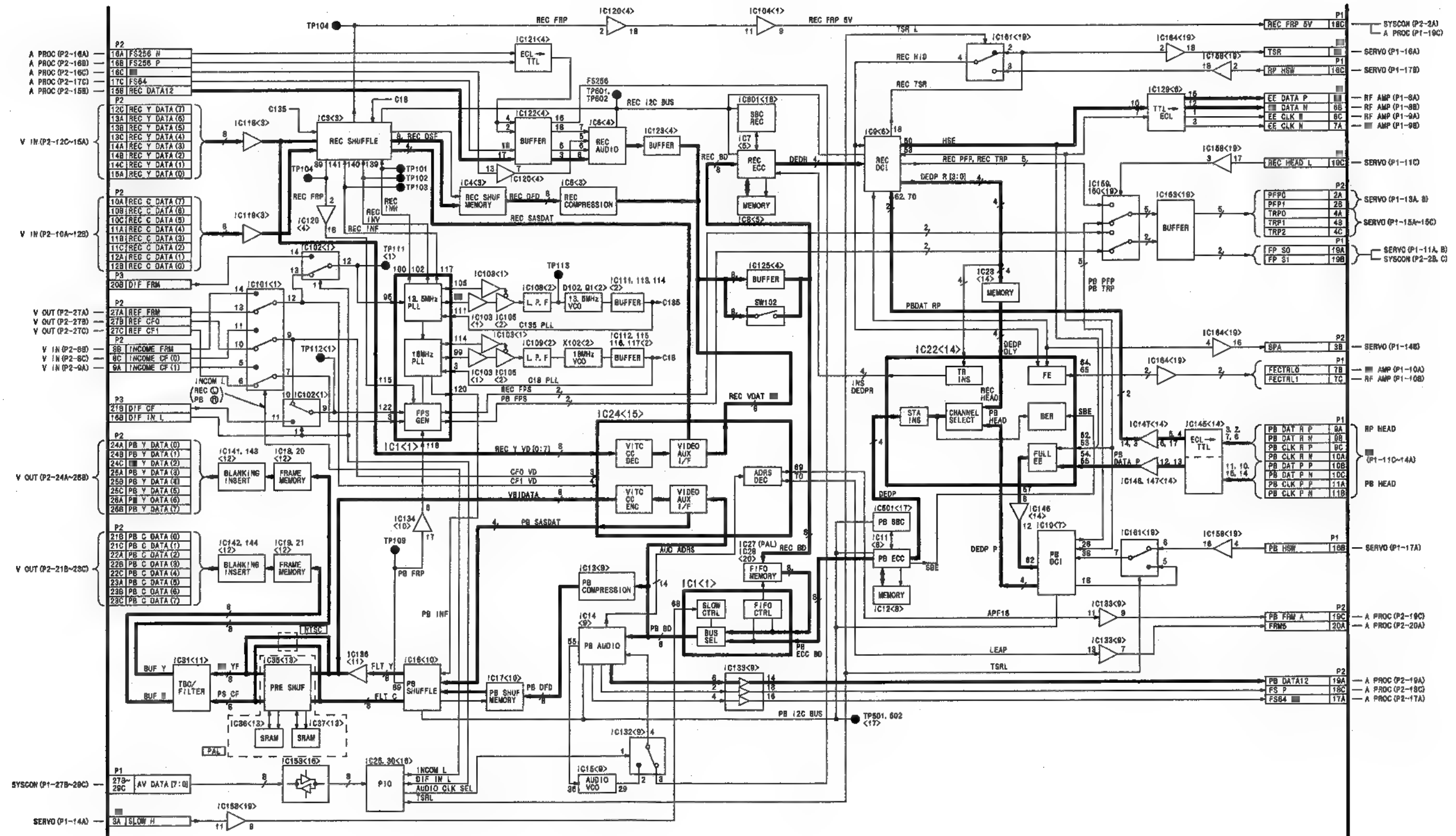
F2 SYSCON BLOCK DIAGRAM



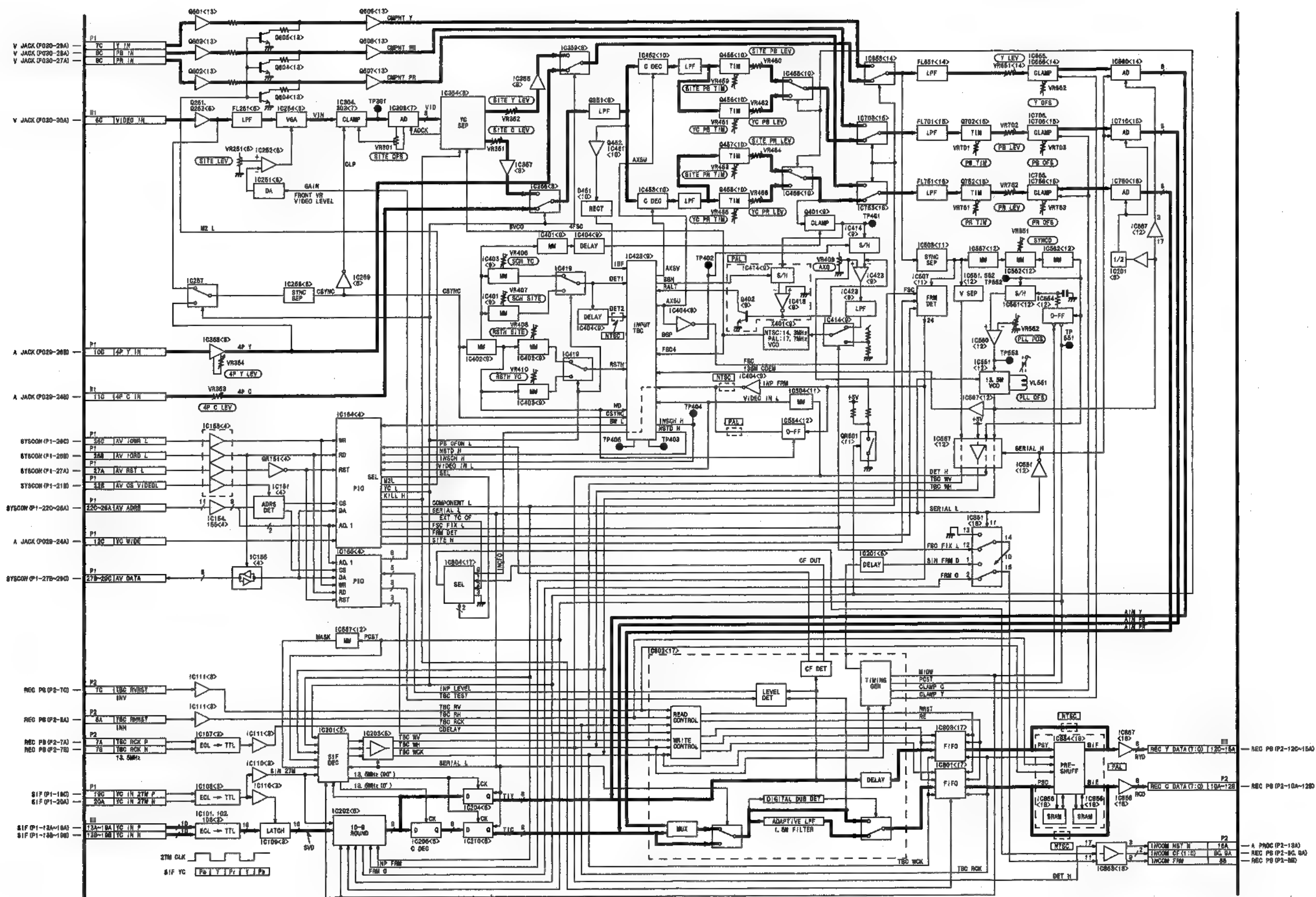
F4 V OUT (2/2) BLOCK DIAGRAM



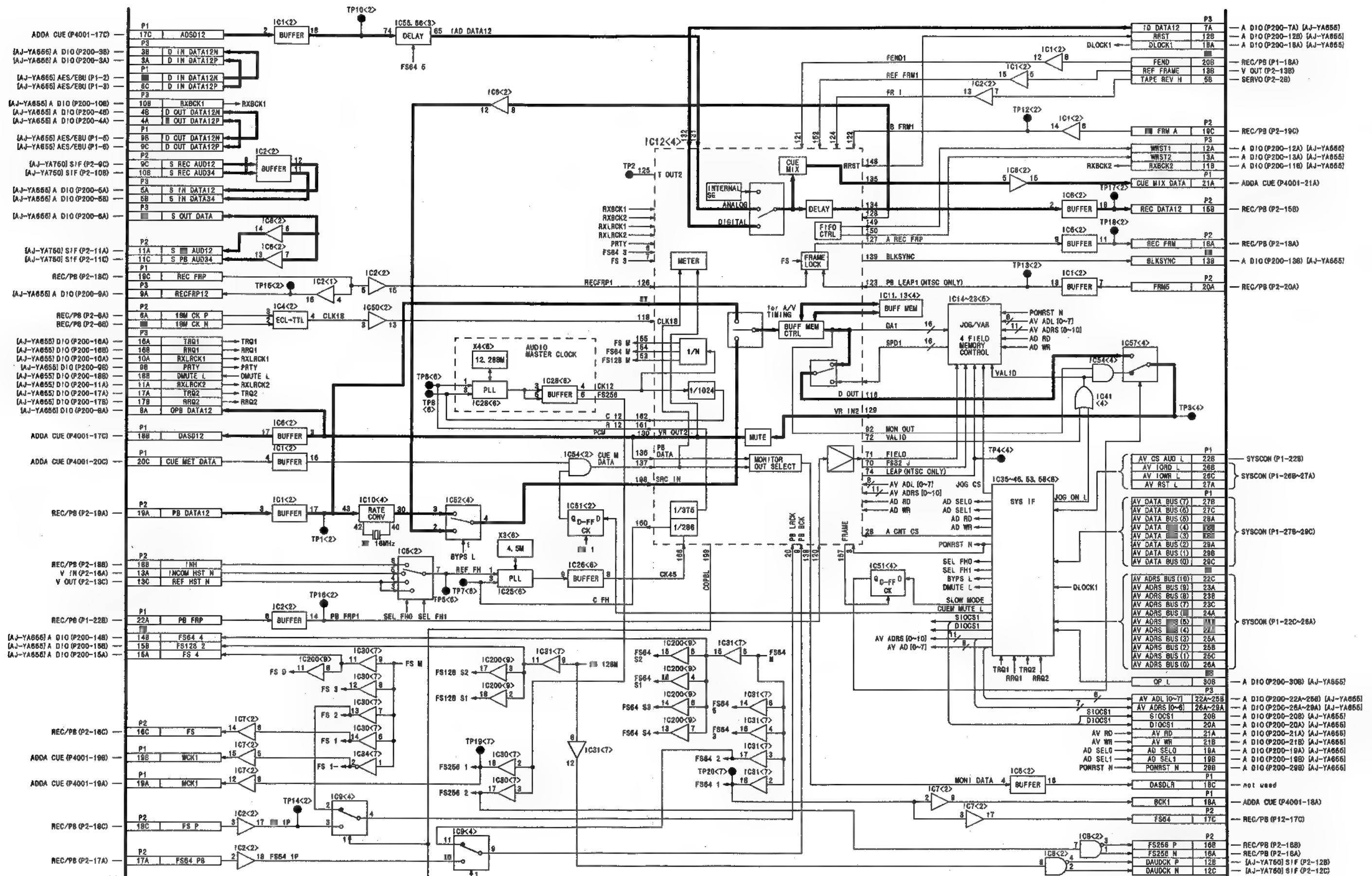
F5 REC PB BLOCK DIAGRAM



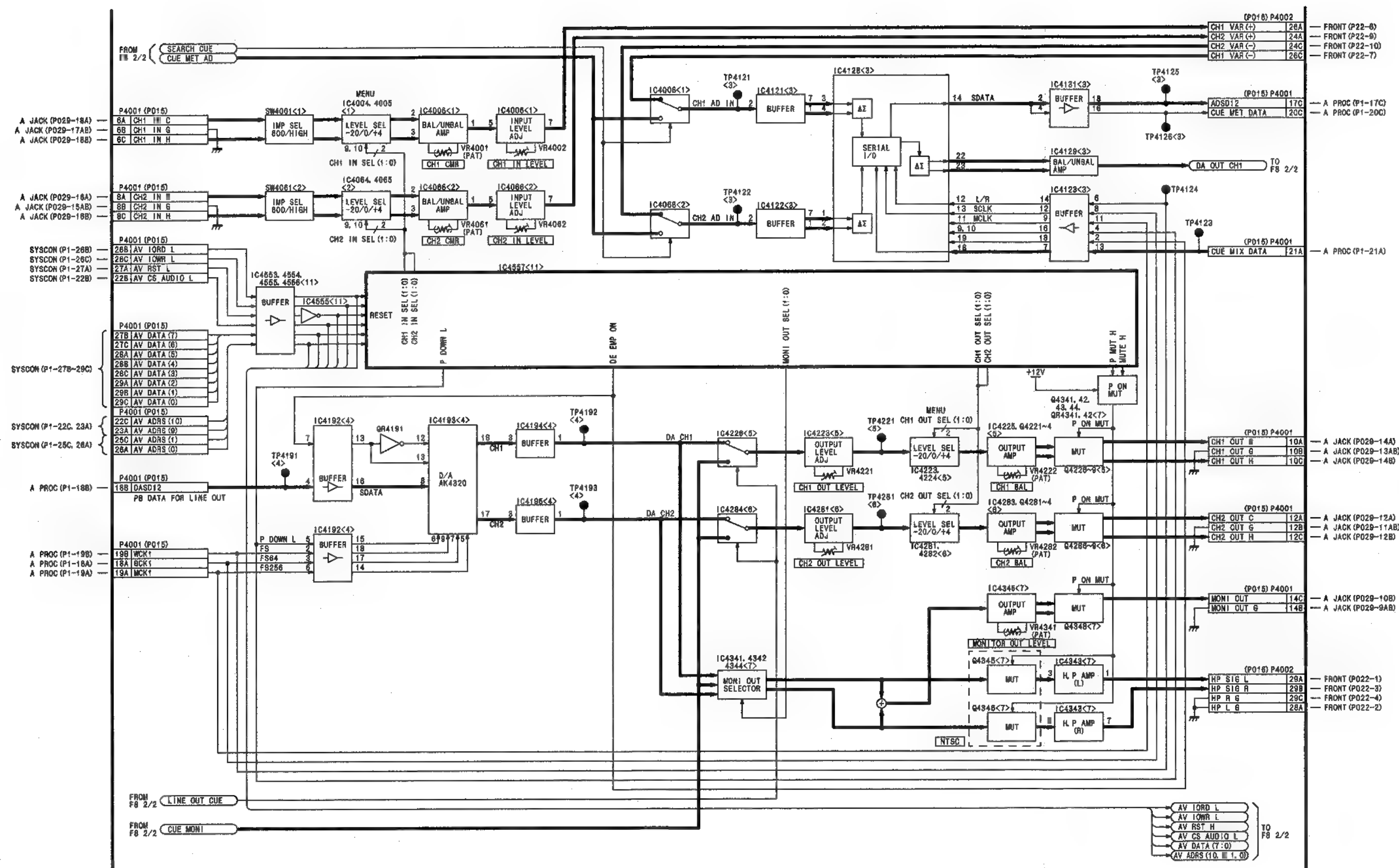
F6 V IN BLOCK DIAGRAM



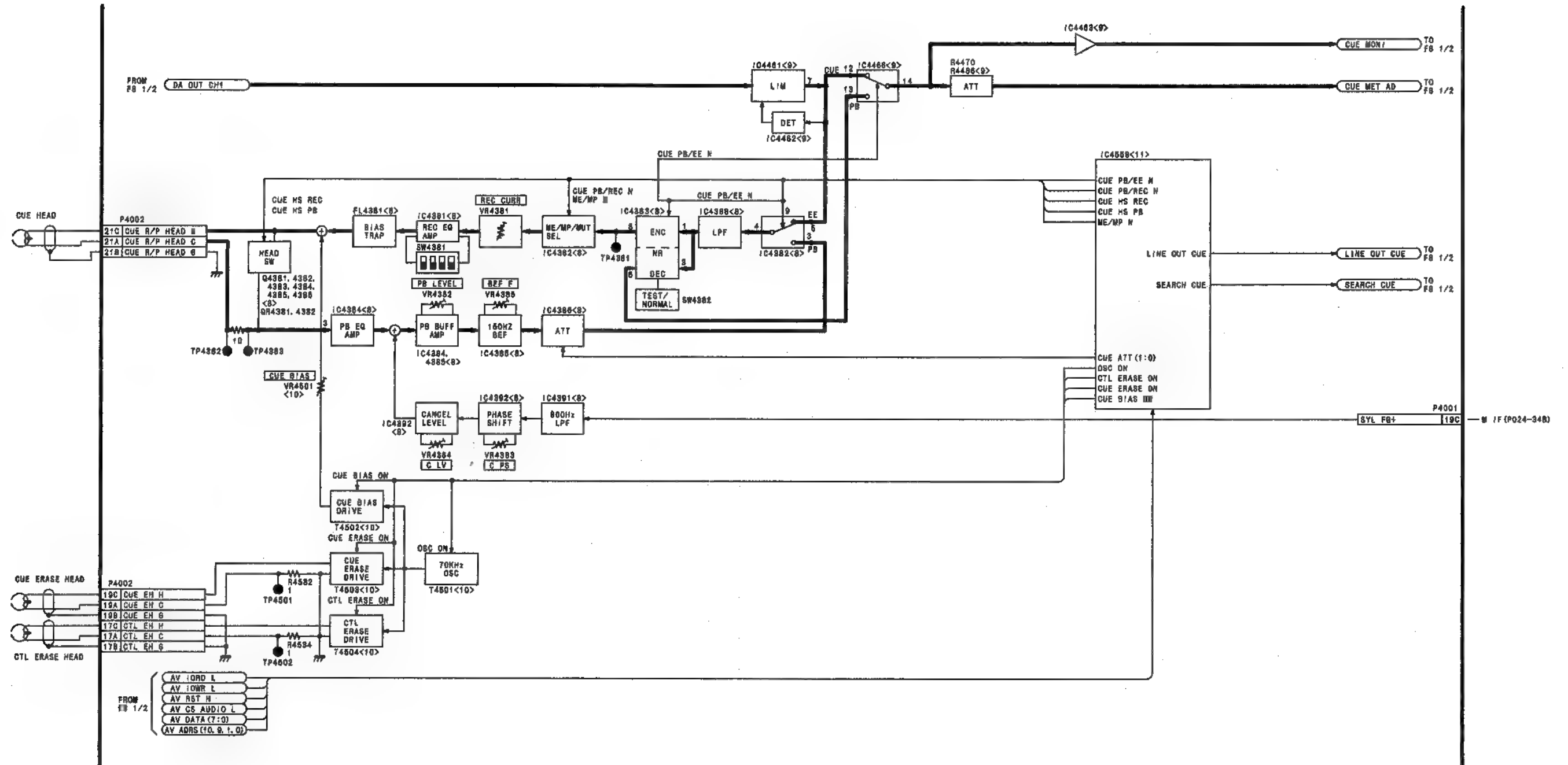
F7 A PROC BLOCK DIAGRAM



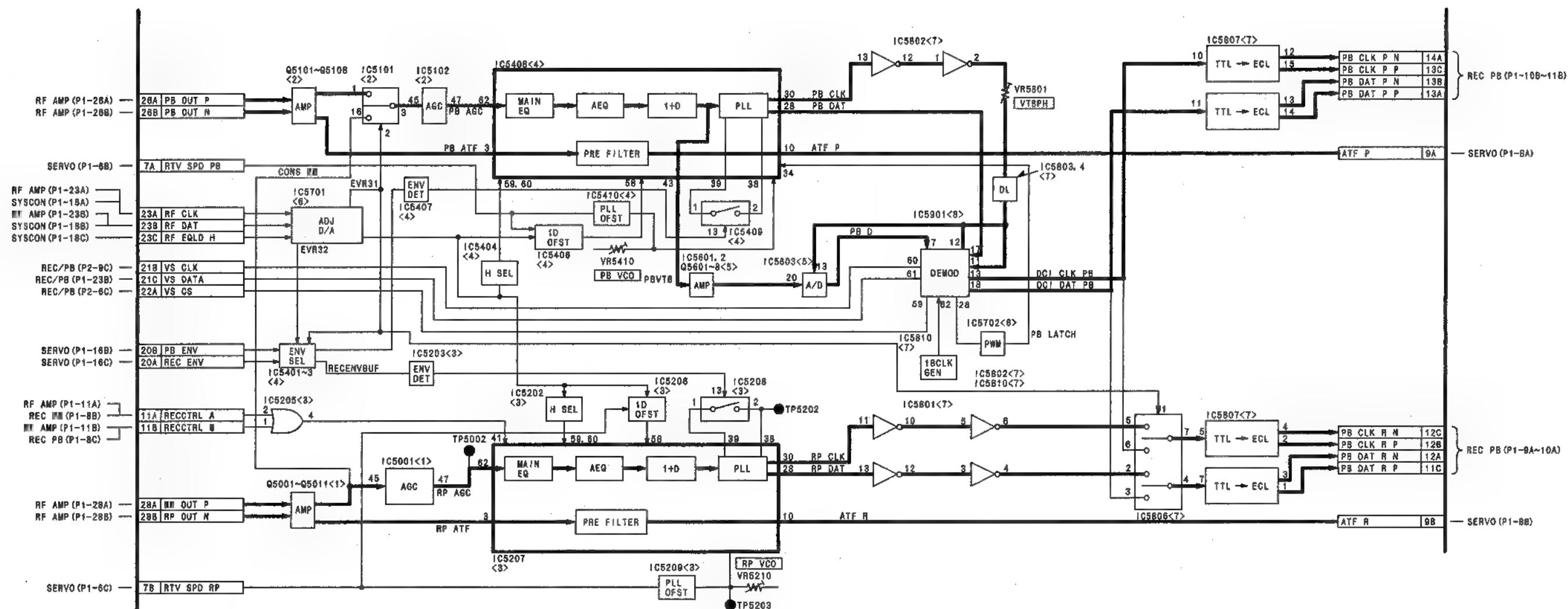
F8 ADDA CUE (1/2) BLOCK DIAGRAM



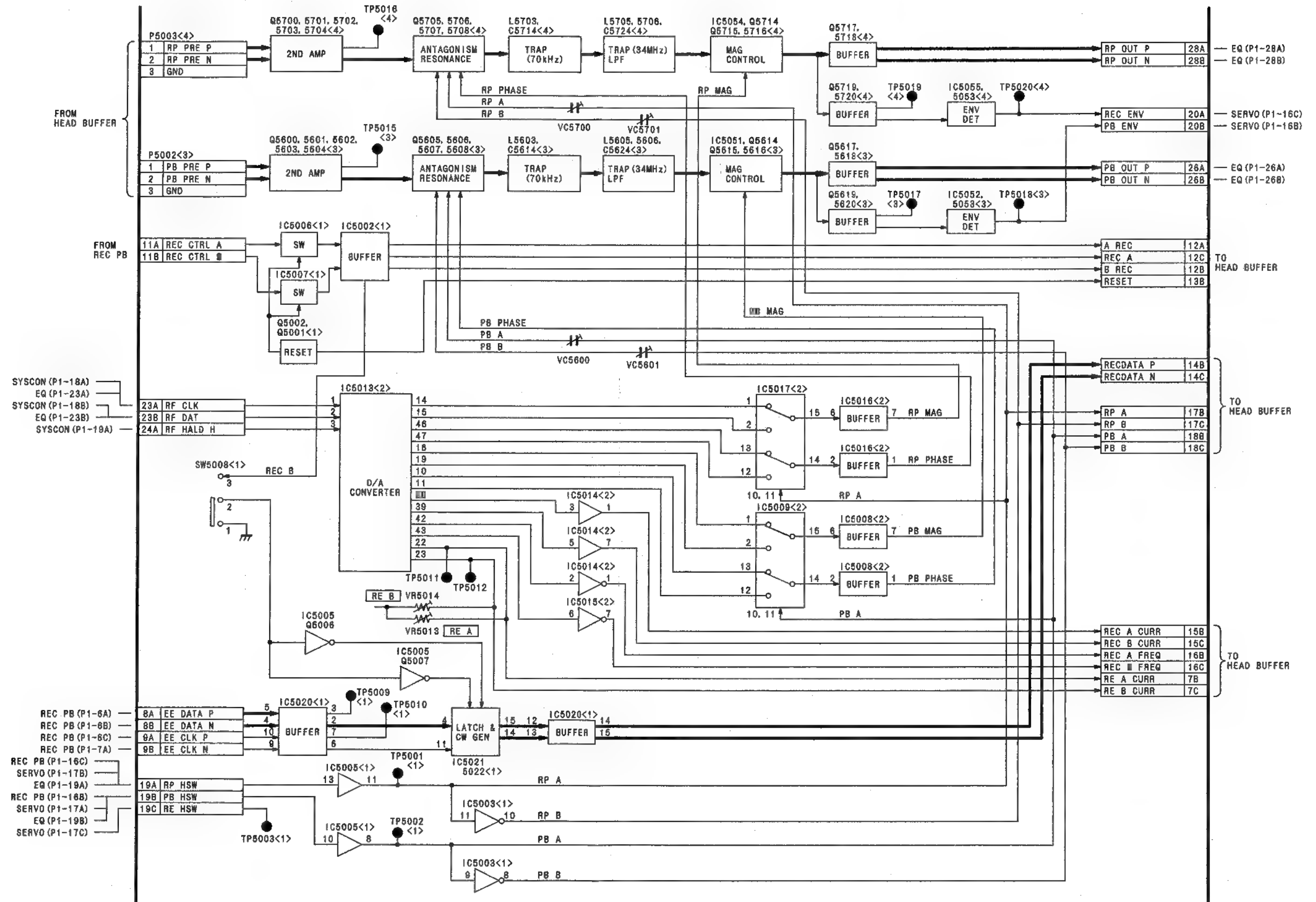
F8 ADDA CUE (2/2) BLOCK DIAGRAM



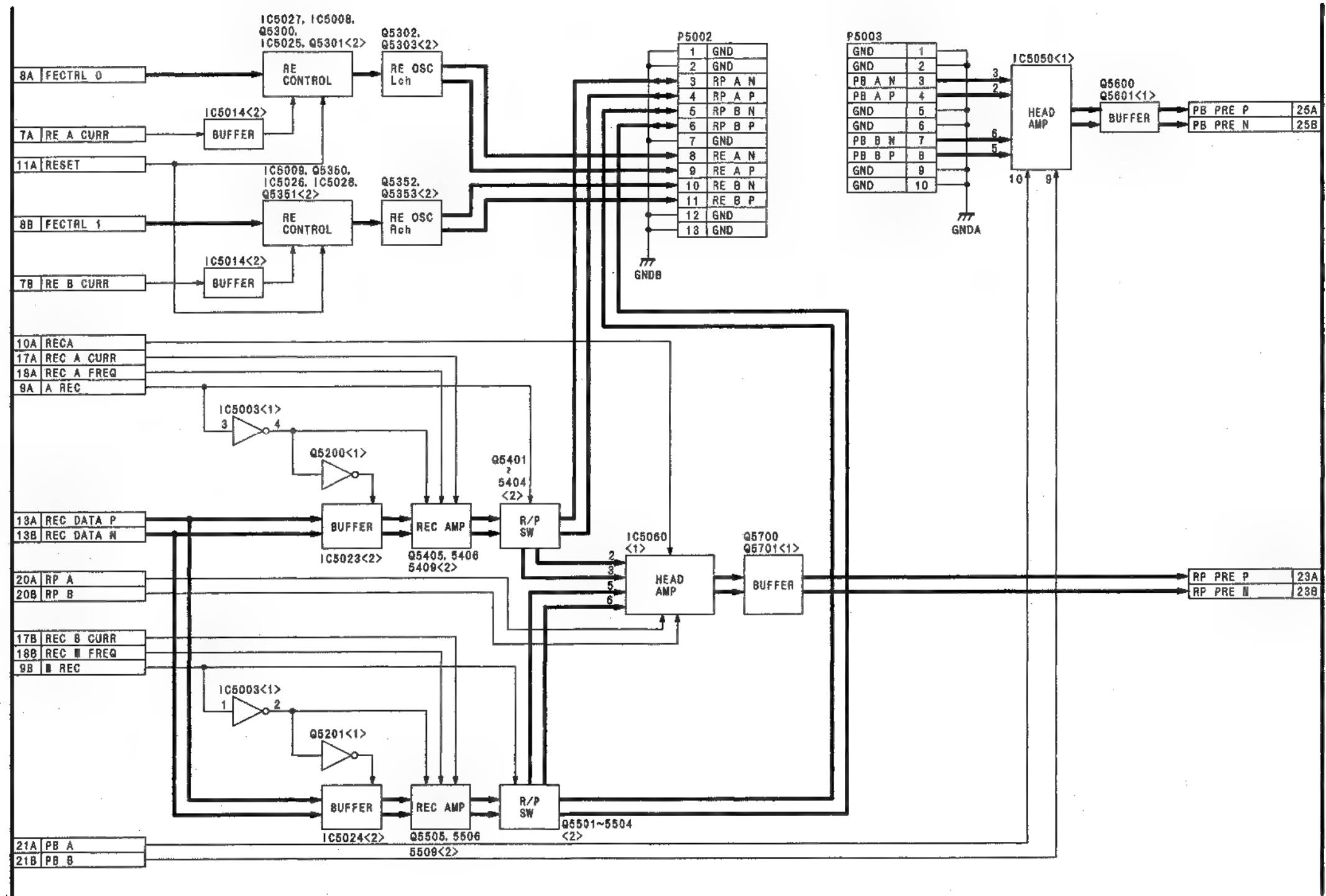
H3 EQ BLOCK DIAGRAM



H4 RF AMP BLOCK DIAGRAM



HEAD BUFFER BLOCK DIAGRAM



SECTION 2

SCHEMATIC DIAGRAMS

CONTENTS

MOTHER.....	2-1	V/S JACK	2-143
F1 SERVO	2-12	POWER 1	2-146
F2 SYSCON	2-31	POWER 2	2-147
F4 V OUT	2-45	CARRIAGE	2-148
F5 REC PB	2-61	MECHA IF	2-149
F6 V IN	2-84	A JACK	2-153
F7 A PROC	2-102	FRONT	2-154
F8 ADDA CUE	2-115	HEADPHONE	2-157
H3 EQ	2-127	SUB JACK.....	2-158
H4 RF AMP	2-136	EJECT	2-158
HEAD BUFFER	2-141		

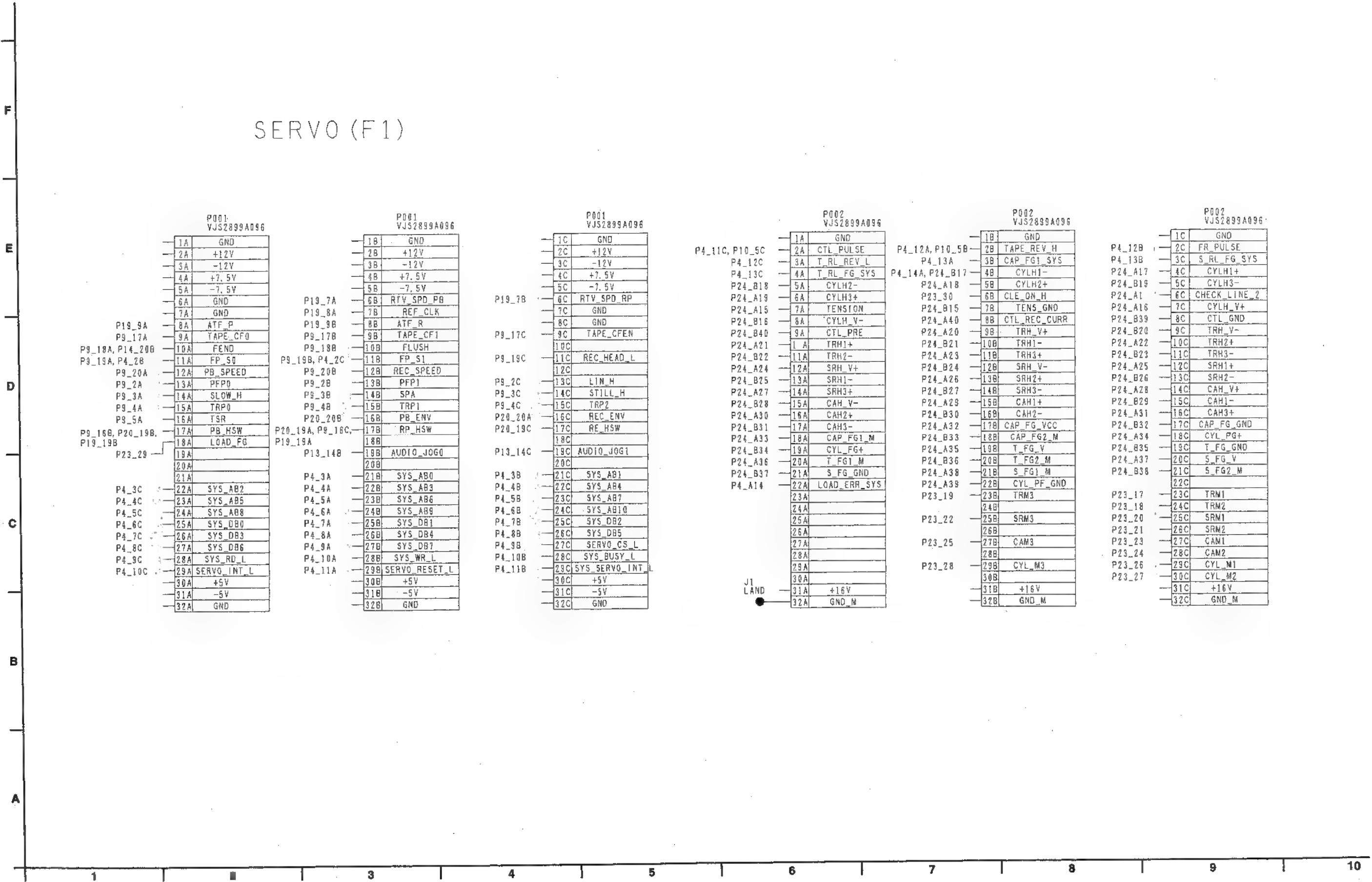
IMPORTANT SAFETY NOTICE

COMPONENTS IDENTIFIED WITH THE MARK Δ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

NOTE

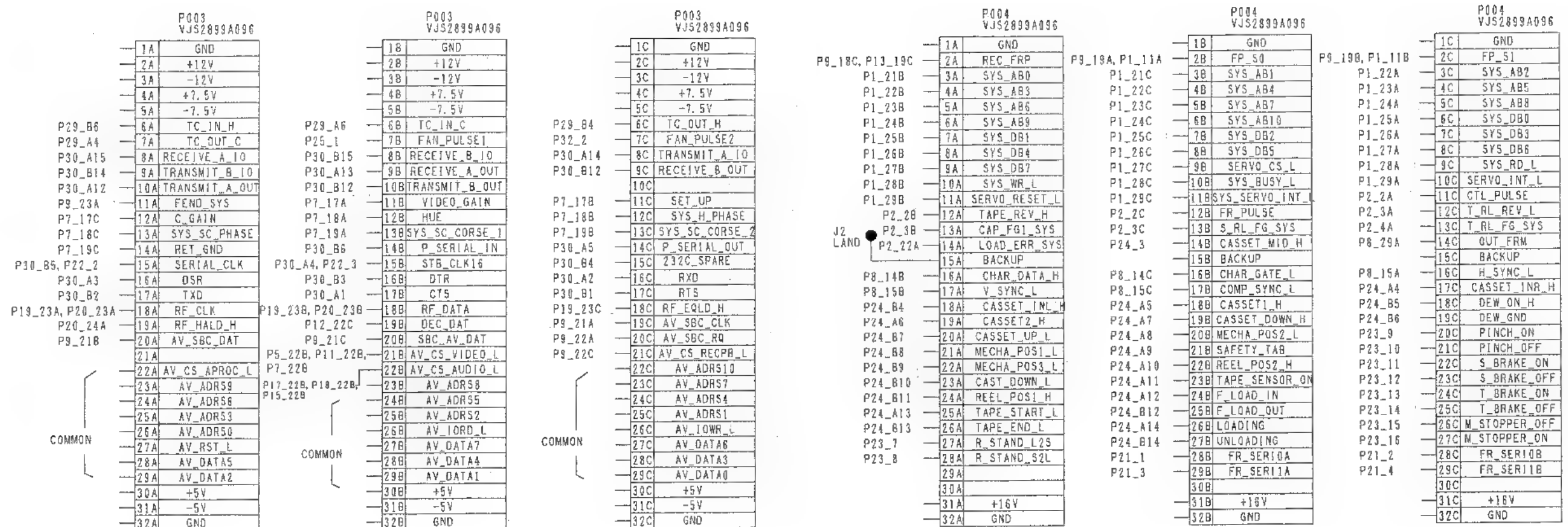
DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING.
THE CORRECT PART NUMBER IS SHOWN IN THE PARTS LISTS.
AND MAY BE SLIGHTLY DIFFERENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.

MOTHER 1/11 SCHEMATIC DIAGRAM



MOTHER 2/11 SCHEMATIC DIAGRAM

SYSCON (F2)



MOTHER 3/11 SCHEMATIC DIAGRAM

SIF (F3)

F

E

D

C

B

A

P005 VJS2899A096	
1A	GND
2A	+12V
3A	-12V
4A	+7.5V
5A	-7.5V
6A	
7A	
8A	
9A	
10A	
11A	
12A	
P11_13A	13A YC_IN_P0
P11_14A	14A YC_IN_N1
P11_15A	15A YC_IN_P3
P11_16A	16A YC_IN_N4
P11_17A	17A YC_IN_P6
P11_18A	18A YC_IN_N7
P11_19A	19A YC_IN_P9
P11_20A	20A YC_IN_27M_N
21A	
22A	SIF_FRM
P3_23A	23A AV_ADRS9
P3_24A	24A AV_ADRS6
P3_25A	25A AV_ADRS3
P3_26A	26A AV_ADRS0
P3_27A	27A AV_RST_L
P3_28A	28A AV_DATA5
P3_29A	29A AV_DATA2
30A	+5V
31A	-5V
32A	GND

P005 VJS2899A096	
1B	GND
2B	+12V
3B	-12V
4B	+7.5V
5B	-7.5V
6B	
7B	
8B	
9B	
10B	
11B	
12B	
P11_13B	13B YC_IN_N0
P11_14B	14B YC_IN_P2
P11_15B	15B YC_IN_N3
P11_16B	16B YC_IN_P5
P11_17B	17B YC_IN_N6
P11_18B	18B YC_IN_P8
P11_19B	19B YC_IN_N9
P11_20B	20B SIF_CS YNC
21B	
P3_21B	22B AV_CS_VIDEO_L
P3_23B	23B AV_ADRS8
P3_24B	24B AV_ADRS5
P3_25B	25B AV_ADRS2
P3_26B	26B AV_IORD_L
P3_27B	27B AV_DATA7
P3_28B	28B AV_DATA4
P3_29B	29B AV_DATA1
30B	+5V
31B	-5V
32B	GND

P005 VJS2899A096	
1C	GND
2C	+12V
3C	-12V
4C	+7.5V
5C	-7.5V
6C	
7C	
8C	
9C	
10C	
11C	
12C	
P11_13C	13C YC_IN_P1
P11_14C	14C YC_IN_N2
P11_15C	15C YC_IN_P4
P11_16C	16C YC_IN_N5
P11_17C	17C YC_IN_P7
P11_18C	18C YC_IN_N8
P11_19C	19C YC_IN_27M_P
20C	
21C	EAVSAV
P3_22C	22C AV_ADRS10
P3_23C	23C AV_ADRS7
P3_24C	24C AV_ADRS4
P3_25C	25C AV_ADRS1
P3_26C	26C AV_IOWR_L
P3_27C	27C AV_DATA8
P3_28C	28C AV_DATA3
P3_29C	29C AV_DATA0
30C	+5V
31C	-5V
32C	GND

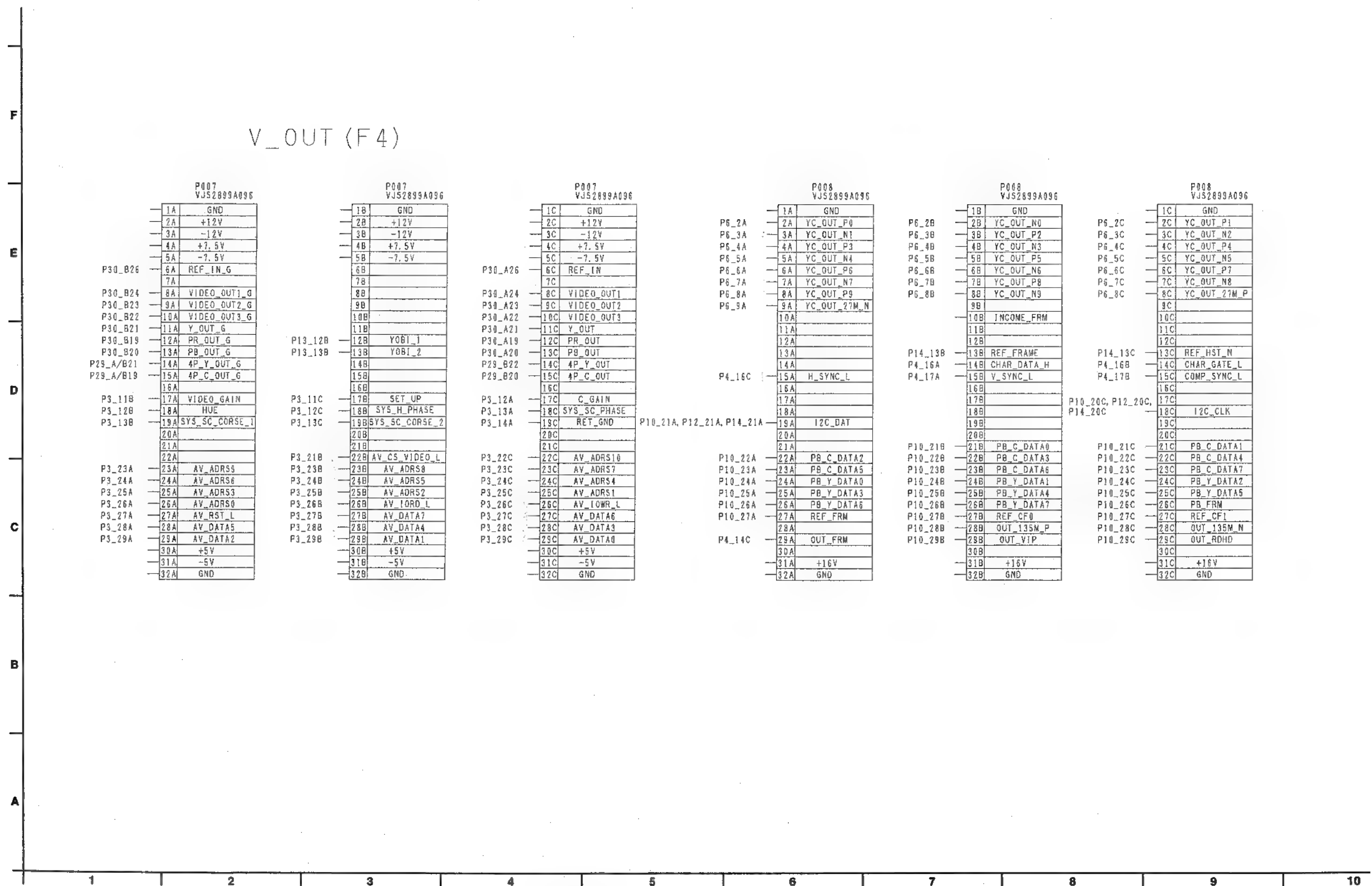
P006 VJS2899A096	
1A	GND
P8_2A	2A YC_OUT_P0
P8_3A	3A YC_OUT_N1
P8_4A	4A YC_OUT_P3
P8_5A	5A YC_OUT_N4
P8_6A	6A YC_OUT_P6
P8_7A	7A YC_OUT_N7
P8_8A	8A YC_OUT_P9
P8_9A	9A YC_OUT_27M_N
P14_10A	10A S_REC_AUD12G
P14_11A	11A S_PB_AUD12G
P14_12A	12A S_PB_AUD34G
13A	
14A	
15A	
16A	
17A	
18A	
19A	
20A	
21A	
22A	
23A	
24A	
25A	
26A	
27A	
28A	
29A	
30A	
31A	+16V
32A	GND

P006 VJS2899A096	
1B	GND
P8_2B	2B YC_OUT_N0
P8_3B	3B YC_OUT_P2
P8_4B	4B YC_OUT_N3
P8_5B	5B YC_OUT_P5
P8_6B	6B YC_OUT_N6
P8_7B	7B YC_OUT_P8
P8_8B	8B YC_OUT_N9
9B	
P14_10B	10B S_REC_AUD34
P14_11B	11B S_PB_AUD12G
P14_12B	12B DAUDCK_P
13B	
14B	
15B	
16B	
17B	
18B	
19B	
20B	
21B	
22B	
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27B	
28B	
29B	
30B	
31B	+16V
32B	GND

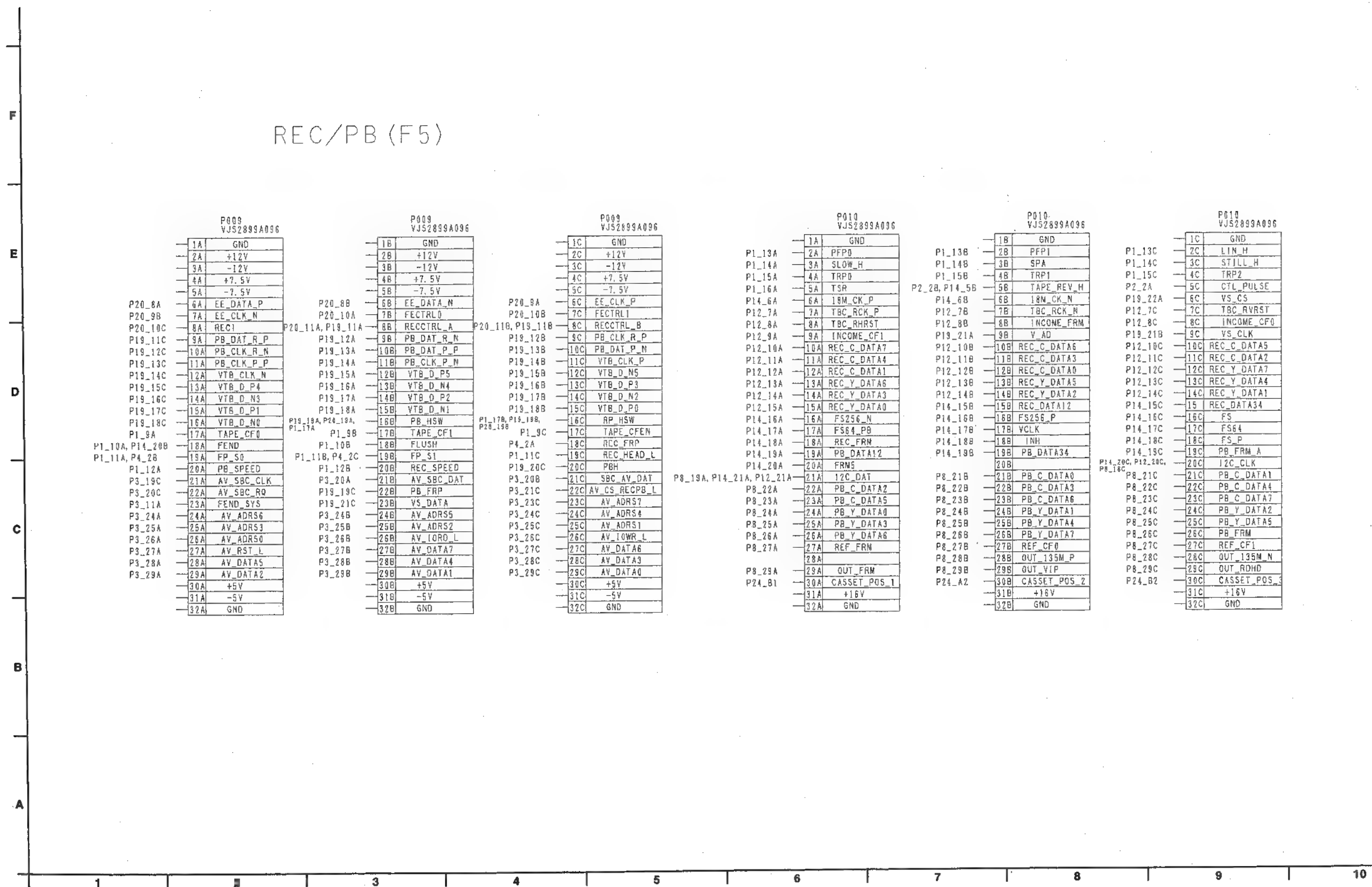
P006 VJS2899A096	
1C	GND
P8_2C	2C YC_OUT_P1
P8_3C	3C YC_OUT_N2
P8_4C	4C YC_OUT_P4
P8_5C	5C YC_OUT_N5
P8_6C	6C YC_OUT_P7
P8_7C	7C YC_OUT_N8
P8_8C	8C YC_OUT_27M_P
P14_9C	9C S_REC_AUD12
P14_10C	10C S_REC_AUD34G
P14_11C	11C S_PB_AUD34
P14_12C	12C DAUDCK_N
13C	
14C	
15C	
16C	
17C	
18C	
19C	
20C	
21C	
22C	
23C	
24C	
25C	
26C	
27C	
28C	
29C	
30C	
31C	+16V
32C	GND

1 2 3 4 5 6 7 8 9 10

MOTHER 4/11 SCHEMATIC DIAGRAM



MOTHER 5/11 SCHEMATIC DIAGRAM



F**E**

P012
VJS2899A096

	1C	GND
	2C	
	3C	
	4C	
	5C	
	6C	
P10_7C	7C	TBC_RVRST
P10_8C	8C	INCOME_CF0
	9C	
P10_10C	10C	REC_C_DATA5
P10_11C	11C	REC_C_DATA2
P10_12C	12C	REC_Y_DATA7
P10_13C	13C	REC_Y_DATA4
P10_14C	14C	REC_Y_DATA1
	15C	
	16C	
	17C	
	18C	
20C, P14_20C, 18C	19C	
	20C	12C_CLK
	21C	
P3_18B	22C	DEC_DAT
	23C	
	24C	
	25C	
	26C	
	27C	
	28C	
	29C	
	30C	
	31C	+16V
	32C	GND

P10_20C, P14_20C,	
P8_18C	

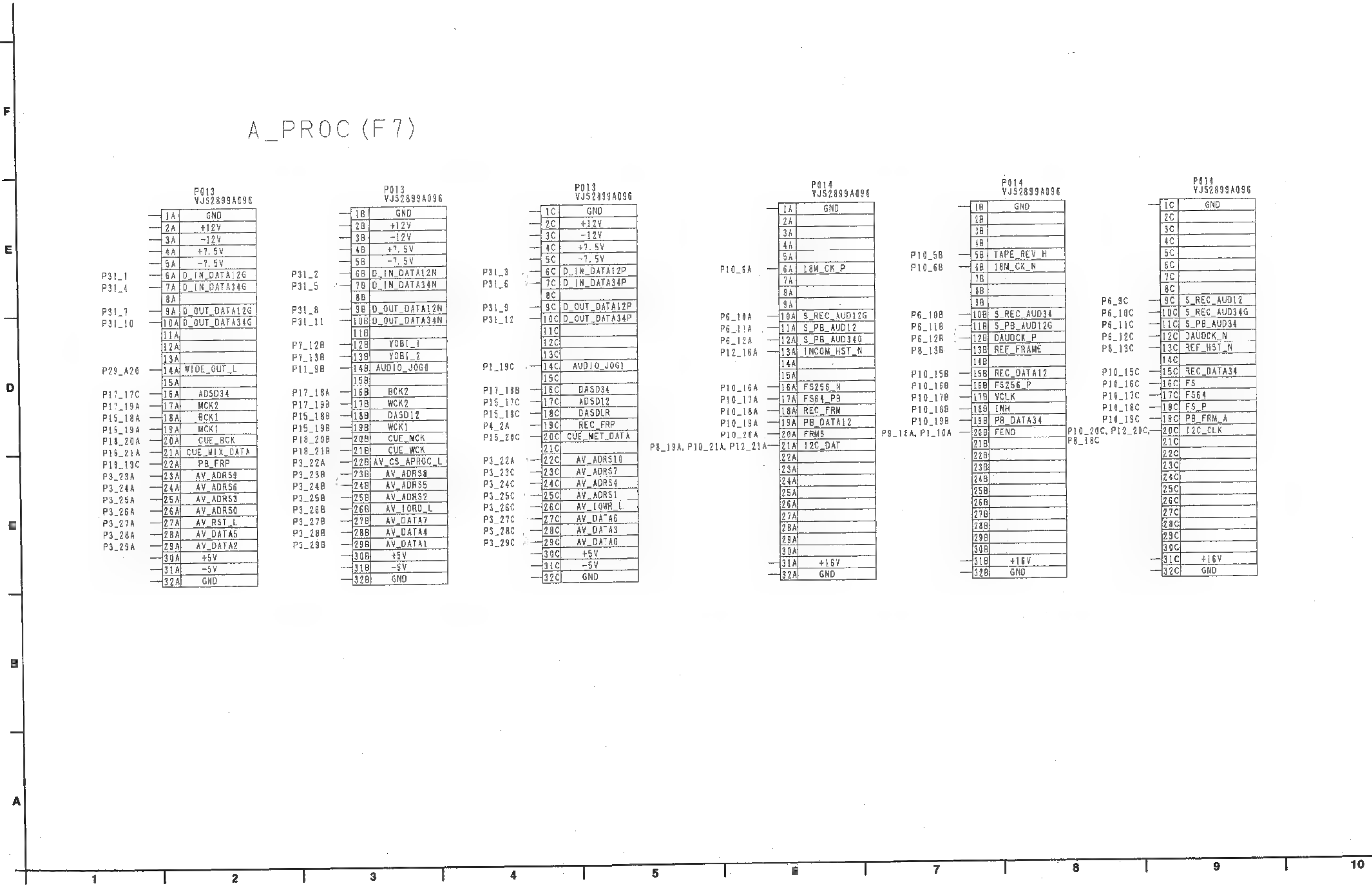
P3_19B

C

E

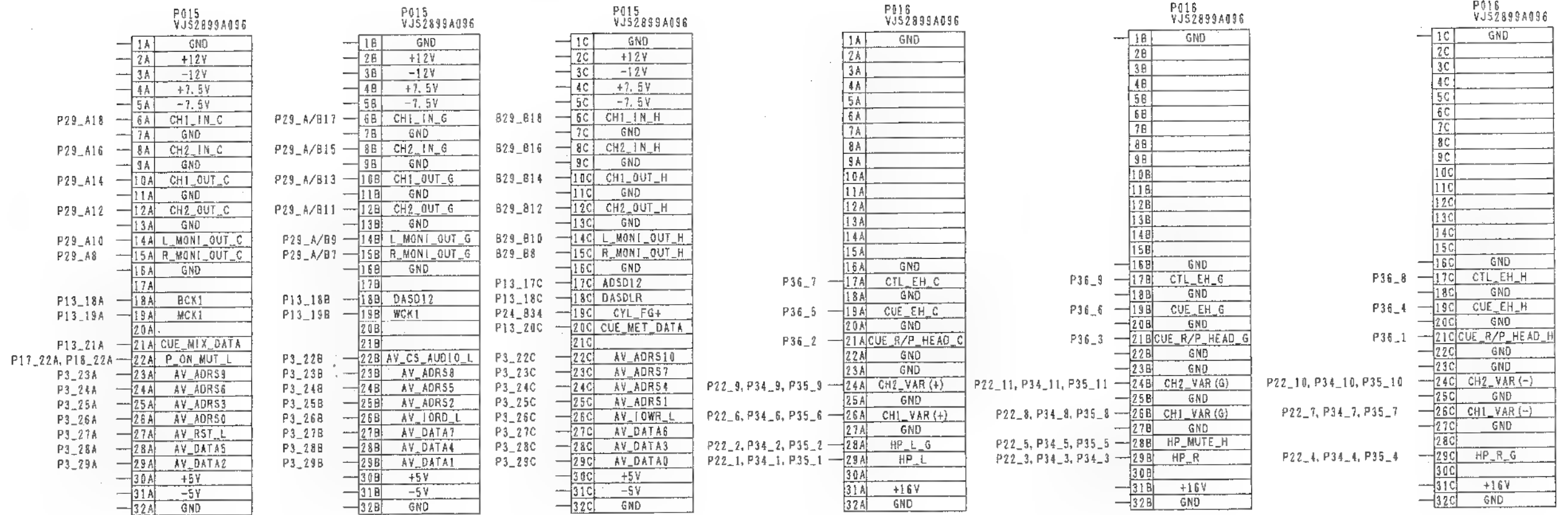
1

MOTHER 7/11 SCHEMATIC DIAGRAM

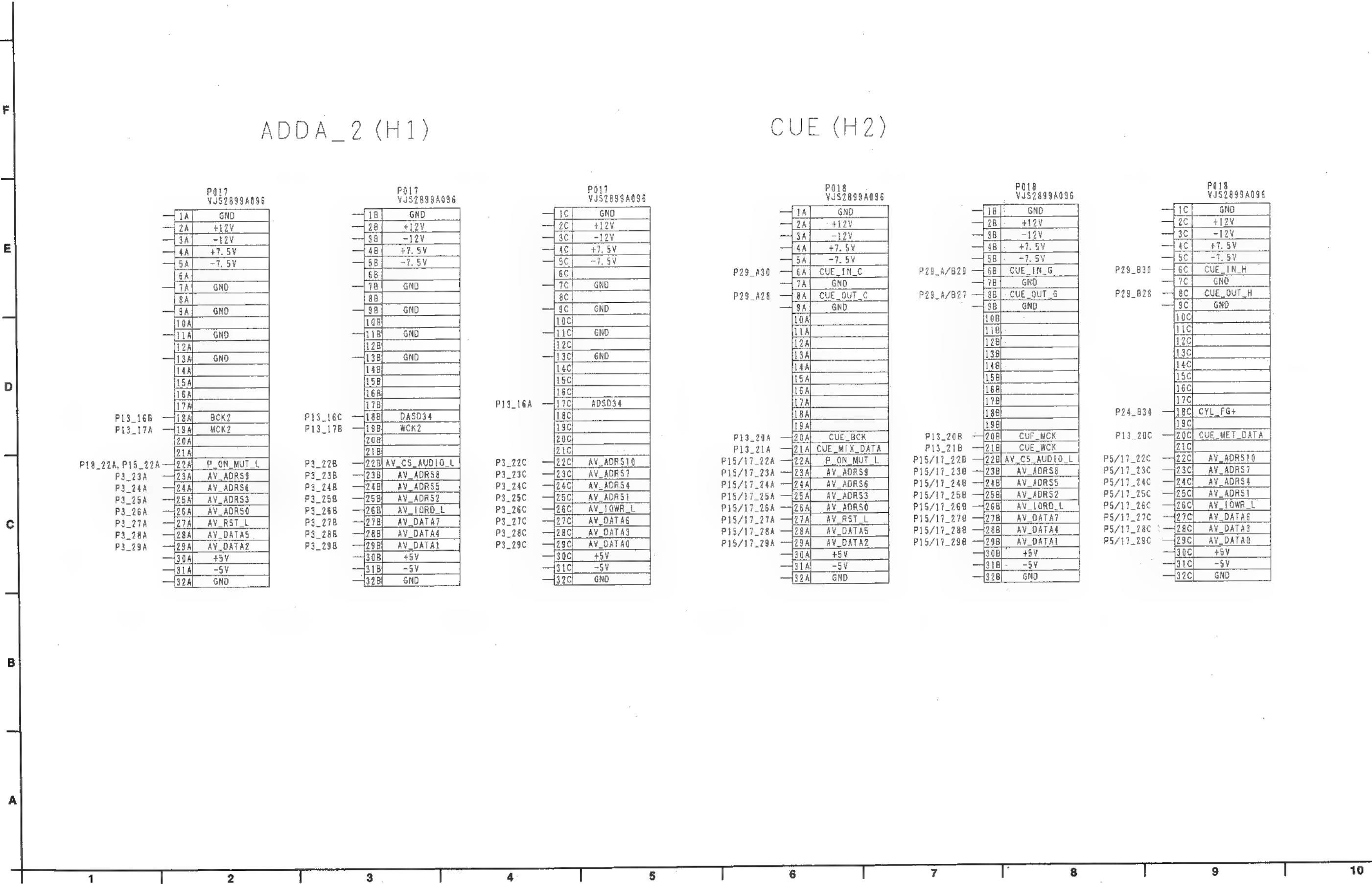


MOTHER 8/11 SCHEMATIC DIAGRAM

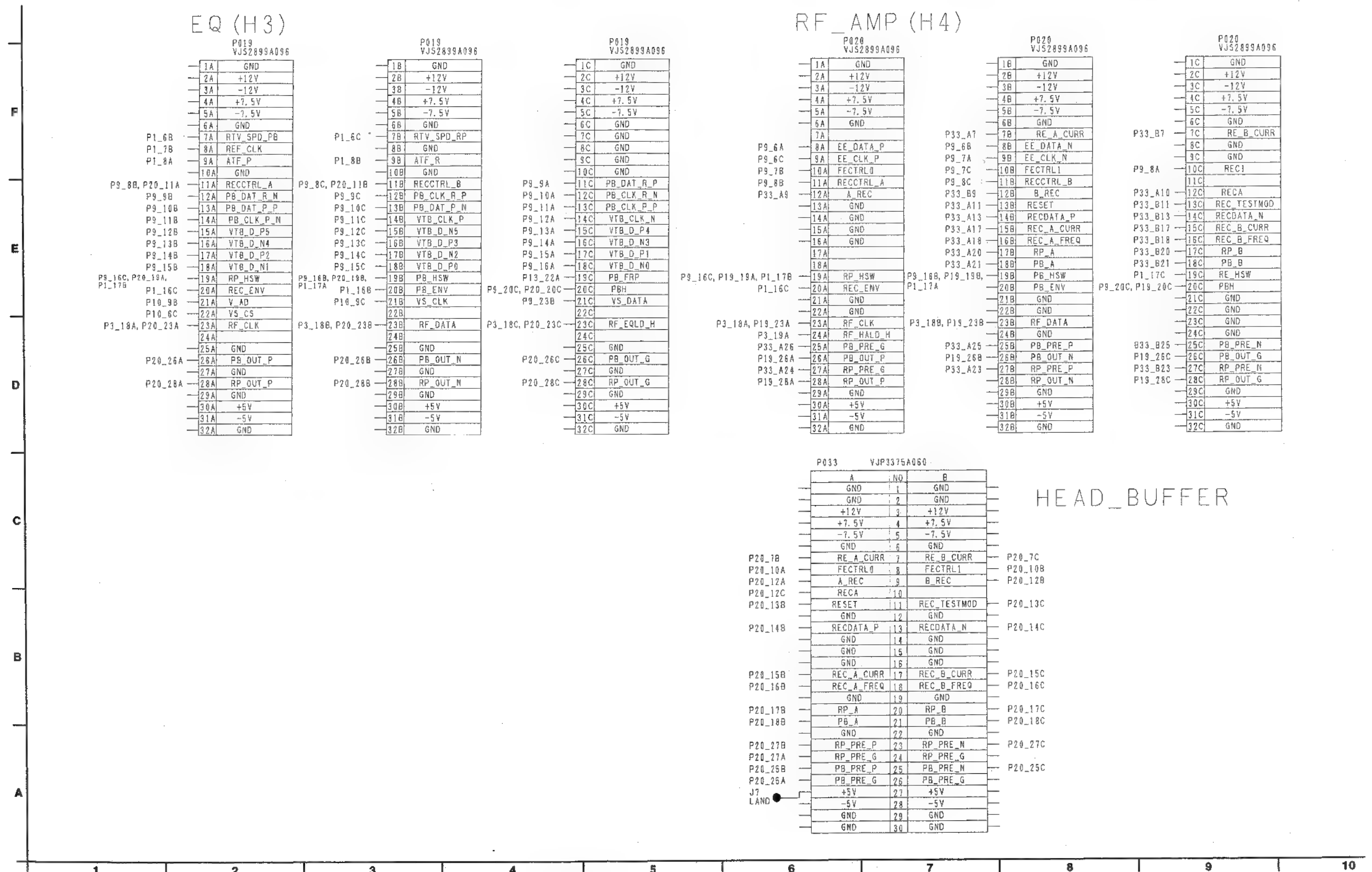
ADDA_1 (F8)



MOTHER 9/11 SCHEMATIC DIAGRAM



MOTHER 10/11 SCHEMATIC DIAGRAM



TO V/S_JACK

TO A_JACK

TO M_IF

TO M_IF

TO POWER

F

E

D

C

B

A

P030 VJS3375B060

	A	NO	B	
P3_17B	CTS	1	RTS	P3_17C
P3_16C	RXD	2	TXD	P3_17A
P3_16A	DSR	3	OTR	P3_16B
P3_15B	STB_CLK16	4	232C_SPARE	P3_15C
P3_14C	P_SERIAL_OUT	5	SERIAL_CLK	P3_15A
P3_14A	RET_GND	6	P_SERIAL_IN	P3_14B
P3_13B	SYS_SC_CORSE 1	7	SYS_SC_CORSE 2	P3_13C
P3_12C	SYS_H_PHASE	8	SYS_SC_PHASE	P3_13A
P3_12A	C_GAIN	9	HUE	P3_12B
P3_11B	VIDEO_GAIN	10	SET_UP	P3_11C
	+5V	11	GND	
P3_10A	TRANSMIT_A_OUT	12	TRANSMIT_B_OUT	P3_10B
P3_9B	RECEIVE_A_OUT	13	RECEIVE_B_OUT	P3_9C
P3_8C	TRANSMIT_A_IO	14	TRANSMIT_B_IO	P3_9A
P3_8A	RECEIVE_A_IO	15	RECEIVE_B_IO	P3_8B
	+5V	16	GND	
	-12V	17	-12V	
	+12V	18	+12V	
P7_12C	PR_OUT	19	PR_OUT_G	P7_12A
P7_13C	PB_OUT	20	PB_OUT_G	P7_13A
P7_11C	Y_OUT	21	Y_OUT_G	P7_11A
P7_10C	VIDEO_OUT3	22	VIDEO_OUT3_G	P7_10A
P7_9C	VIDEO_OUT2	23	VIDEO_OUT2_G	P7_9A
P7_8C	VIDEO_OUT1	24	VIDEO_OUT1_G	P7_8A
	GND	25	GND	
P7_6C	REF_IN	26	REF_IN_G	P7_6A
P11_9C	PR_IN	27	PR_IN_G	P11_9A
P11_8C	PB_IN	28	PB_IN_G	P11_8A
P11_7C	Y_IN	29	Y_IN_G	P11_7A
P11_6C	VIDEO_IN	30	VIDEO_IN_G	P11_6A

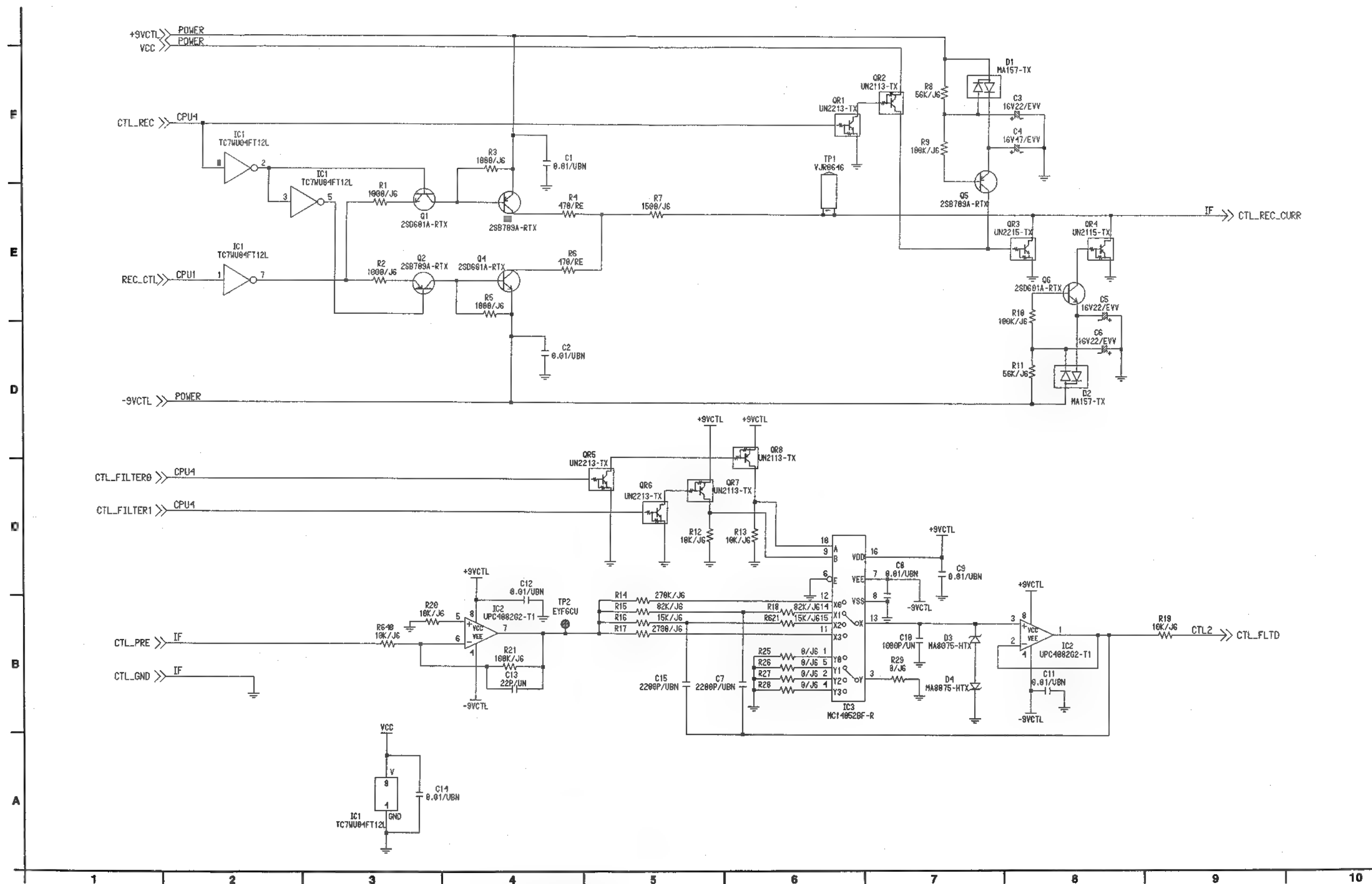
P029 VJS3375B060

	A	NO	B	
	+12V	1	+12V	
	-12V	2	-12V	
	GND	3	GND	
P3_7A	TC_OUT_C	4	TC_OUT_H	P3_6C
	GND	5	GND	
P3_6B	TC_IN_C	6	TC_IN_H	P3_6A
P15_15B	R_MONI_OUT_G	7	R_MONI_OUT_G	P15_15C
P15_15A	R_MONI_OUT_C	8	R_MONI_OUT_H	P15_15C
P15_14B	L_MONI_OUT_G	9	L_MONI_OUT_G	P15_14C
P15_14A	L_MONI_OUT_C	10	L_MONI_OUT_H	P15_14C
P15_12B	CH2_OUT_G	11	CH2_OUT_G	P15_12C
P15_12A	CH2_OUT_C	12	CH2_OUT_H	P15_12C
P15_10B	CH1_OUT_G	13	CH1_OUT_G	P15_10C
P15_10A	CH1_OUT_C	14	CH1_OUT_H	P15_10C
P15_8B	CH2_IN_G	15	CH2_IN_G	P15_8C
P15_8A	CH2_IN_C	16	CH2_IN_H	P15_8C
P15_6B	CH1_IN_G	17	CH1_IN_G	P15_6C
P15_6A	CH1_IN_C	18	CH1_IN_H	P15_6C
P13_14A	4P_C_OUT_G	19	4P_C_OUT_G	P7_15A
	WIDE_OUT_L	20	4P_C_OUT	P7_15C
	4P_Y_OUT_G	21	4P_Y_OUT_G	P7_14A
		22	4P_Y_OUT	P7_14C
P11_12C	4P_C_IN_G	23	4P_C_IN_G	P11_11A
	WIDE_IN_L	24	4P_C_IN	P11_11C
	4P_Y_IN_G	25	4P_Y_IN_G	P11_10A
		26	4P_Y_IN	P11_10C
P18_8A	CUE_OUT_G	27	CUE_OUT_G	P18_8B
	CUE_OUT_C	28	CUE_OUT_H	P18_8C
P18_6A	CUE_IN_G	29	CUE_IN_G	P18_6B
	CUE_IN_C	30	CUE_IN_H	P18_6C

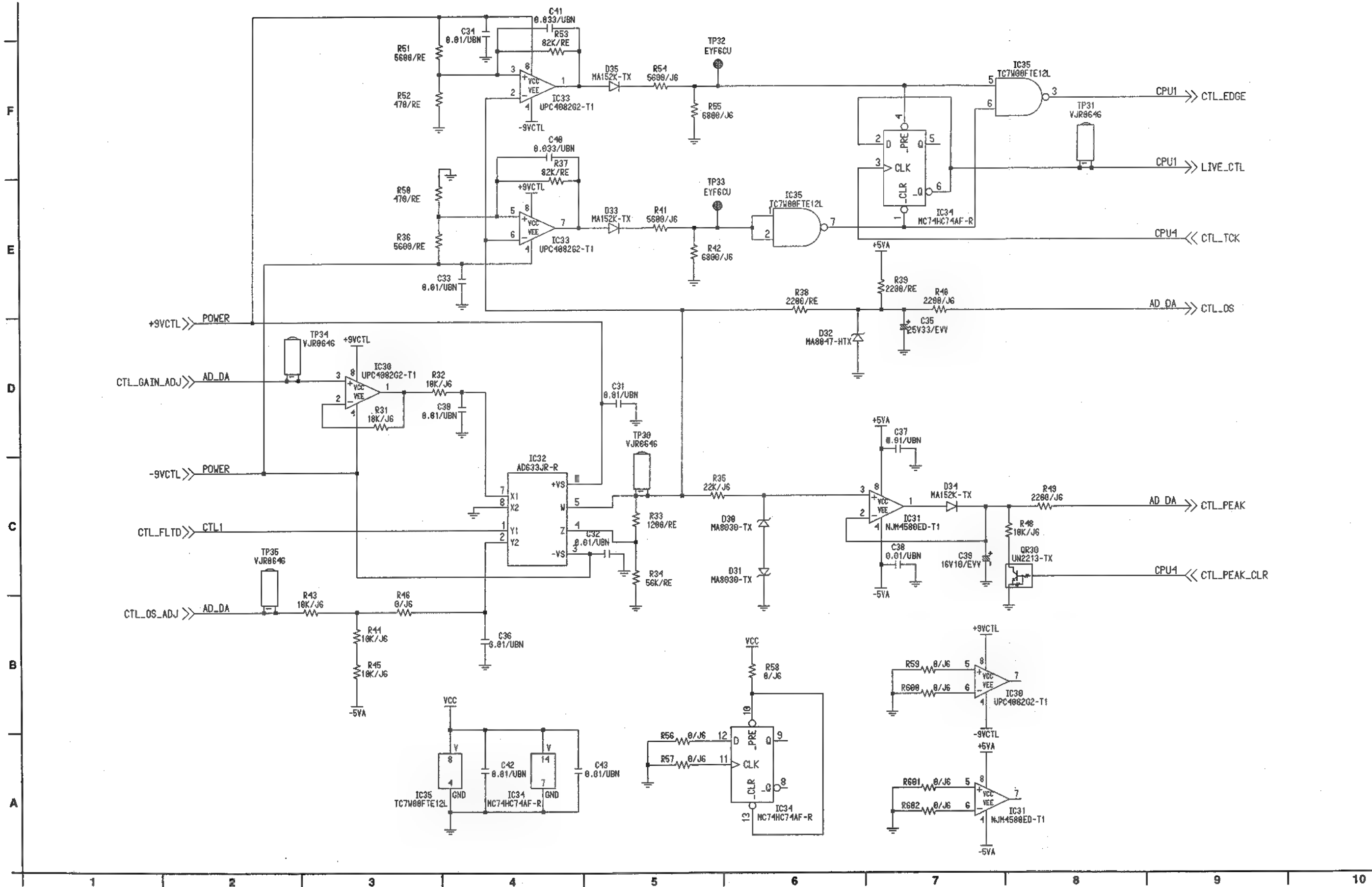
P023 VJP2891A030

	NO	
1	GND	
2	GND	
3	GND	
4	+12V	
5	-12V	
6	+5V	
7	R_STAND_L2S	
8	R_STAND_S2L	
9	PINCH_ON	
10	PINCH_OFF	
11	S_BRAKE_ON	
12	S_BRAKE_OFF	
13	T_BRAKE_ON	
14	T_BRAKE_OFF	
15	M_STOPPER_OFF	
16	M_STOPPER_ON	
17	TRM1	
18	TRM2	
19	TRM3	
20	SRM1	
21	SRM2	
22	SRM3	
23	CAM1	
24	CAM2	
25	CAM3	
26	CYL_M1	
27	CYL_M2	

F1 SERVO 1/19 (CTL1) SCHEMATIC DIAGRAM



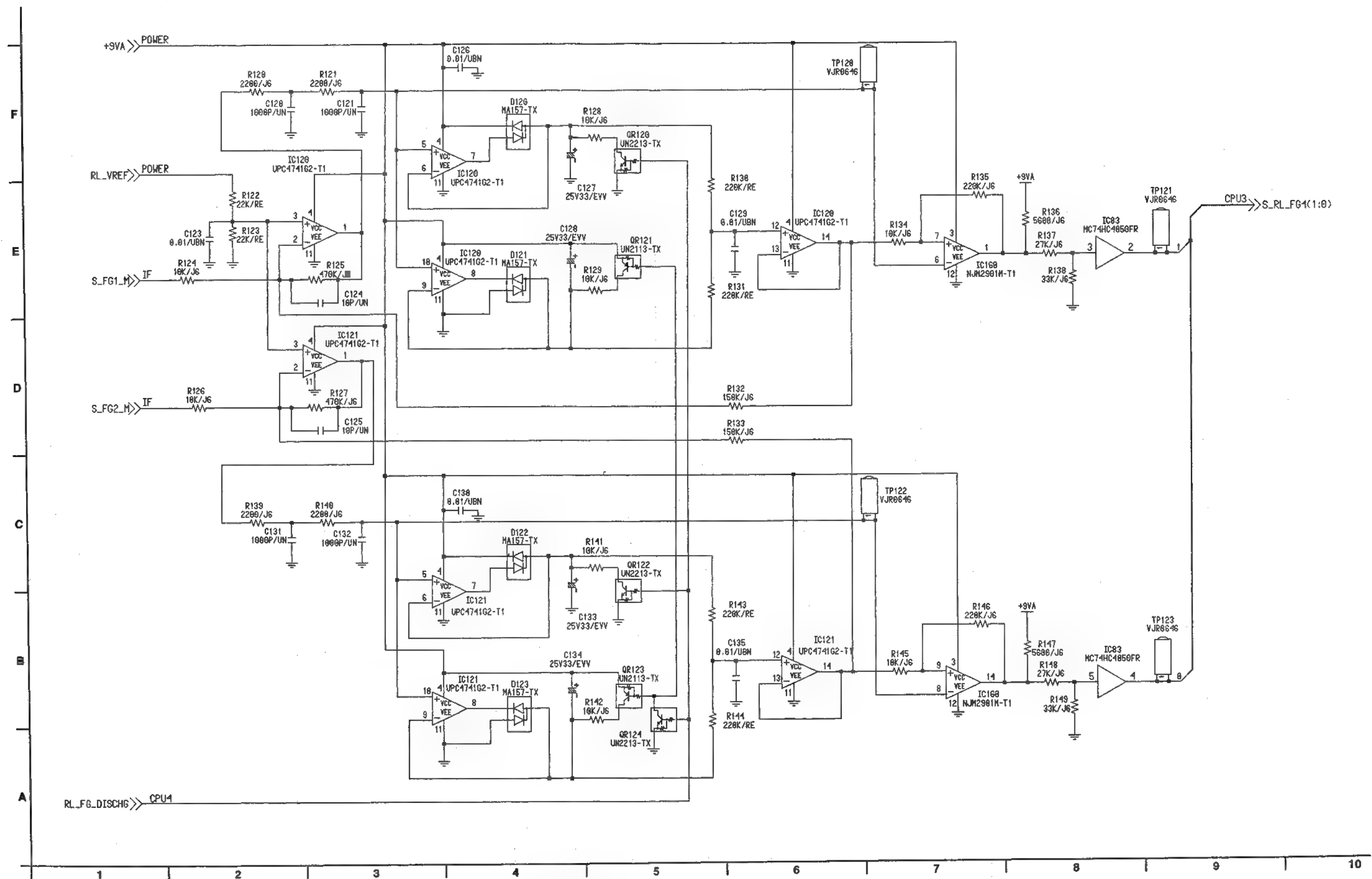
F1 SERVO 2/19 (CTL2) SCHEMATIC DIAGRAM



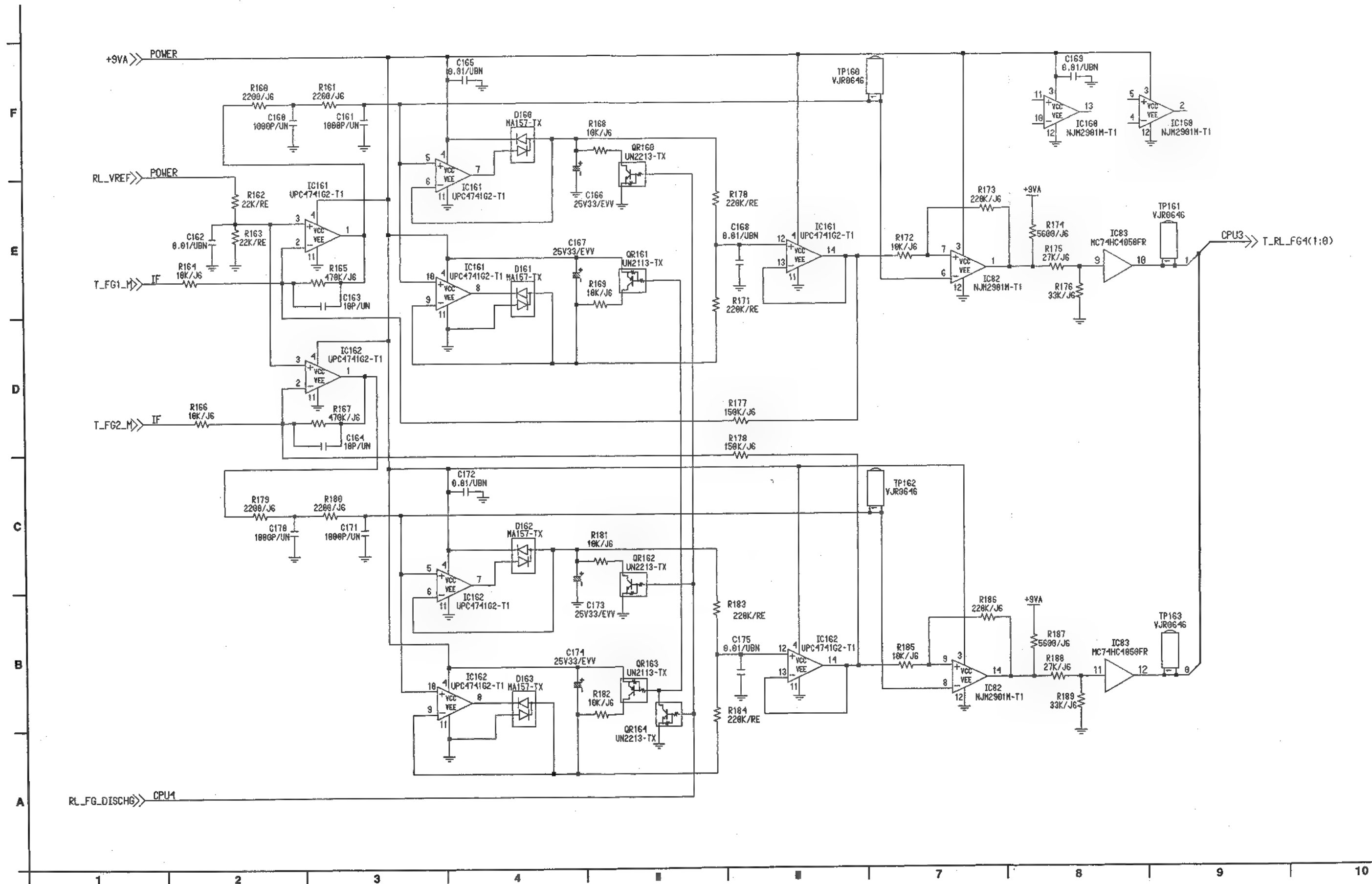
A



F1 SERVO 5/19 (S FG) SCHEMATIC DIAGRAM



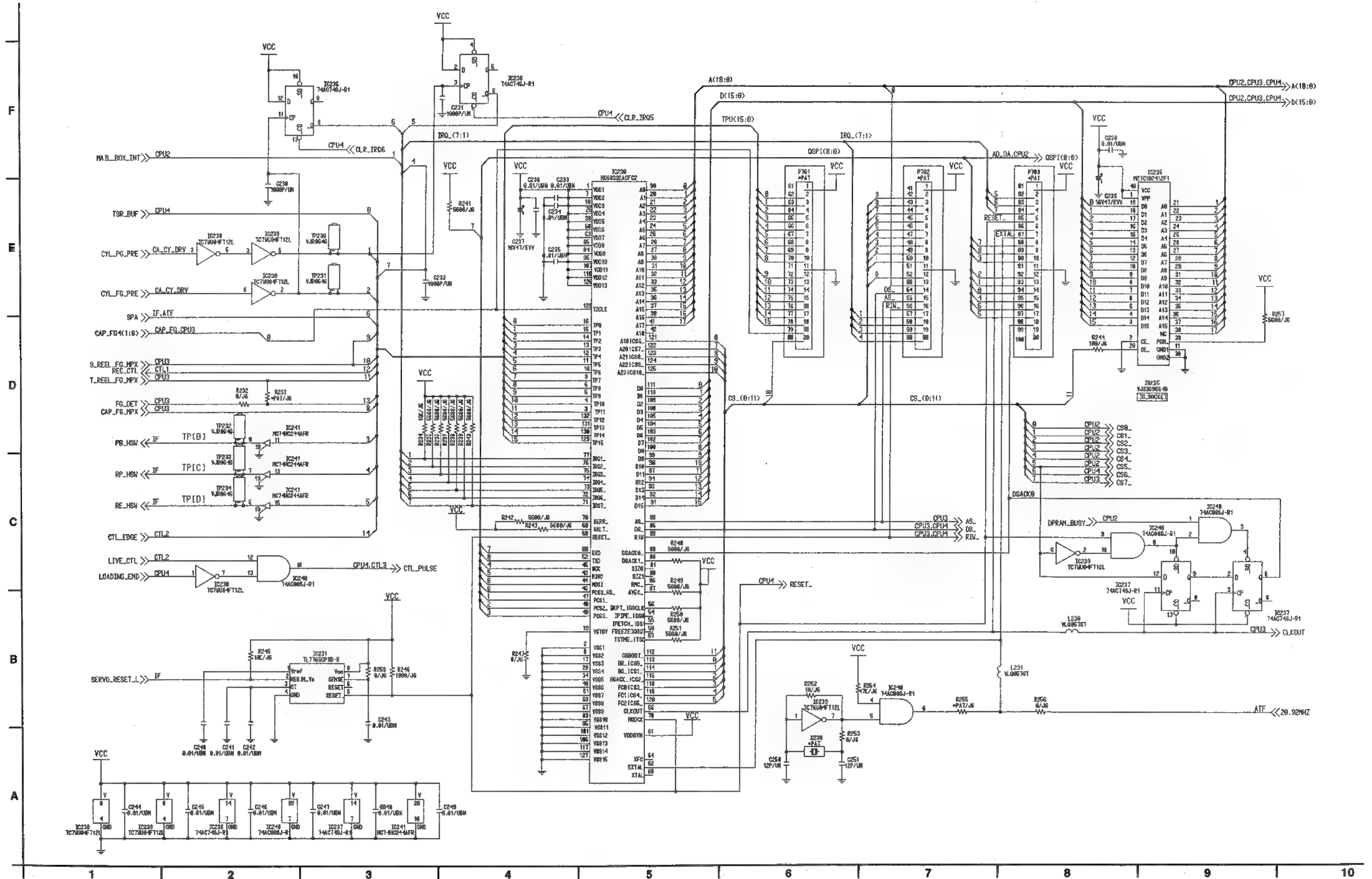
F1 SERVO 6/19 (T FG) SCHEMATIC DIAGRAM



A



F1 SERVO 8/19 (CPU1) SCHEMATIC DIAGRAM



F

F

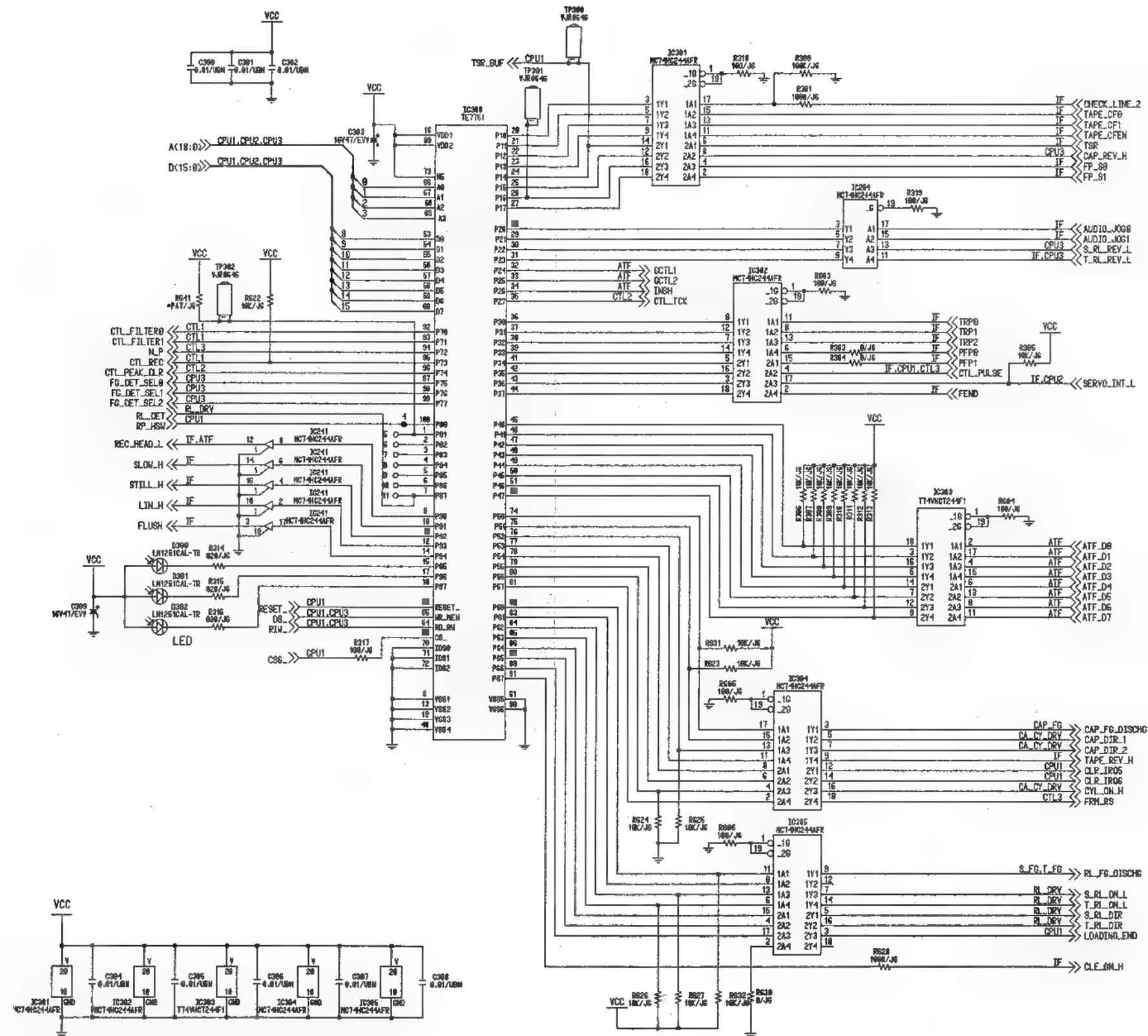
D

C

A

F1 SERVO 11/19 (CPU4) SCHEMATIC DIAGRAM

F
E
D
C
B
A



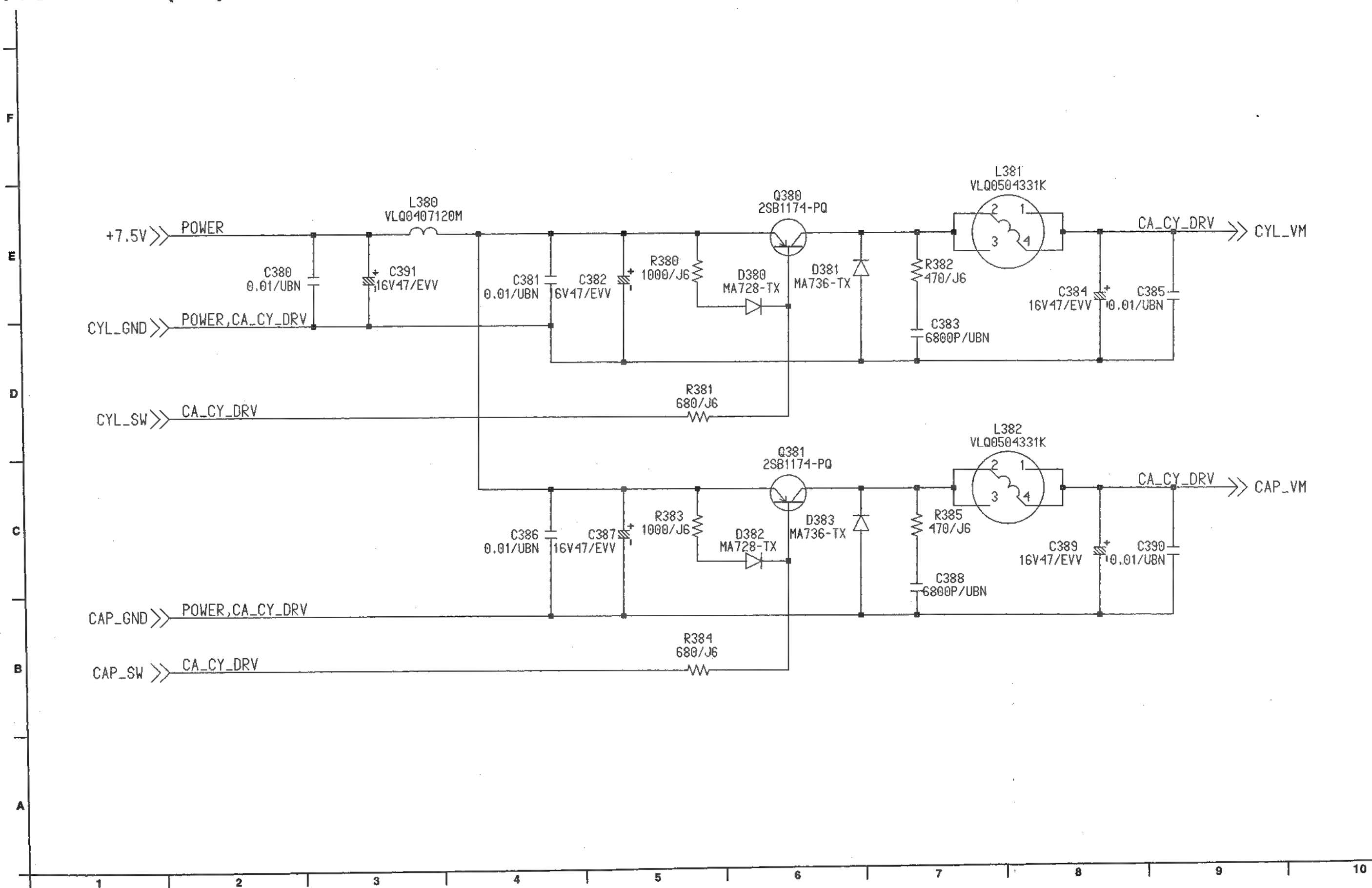
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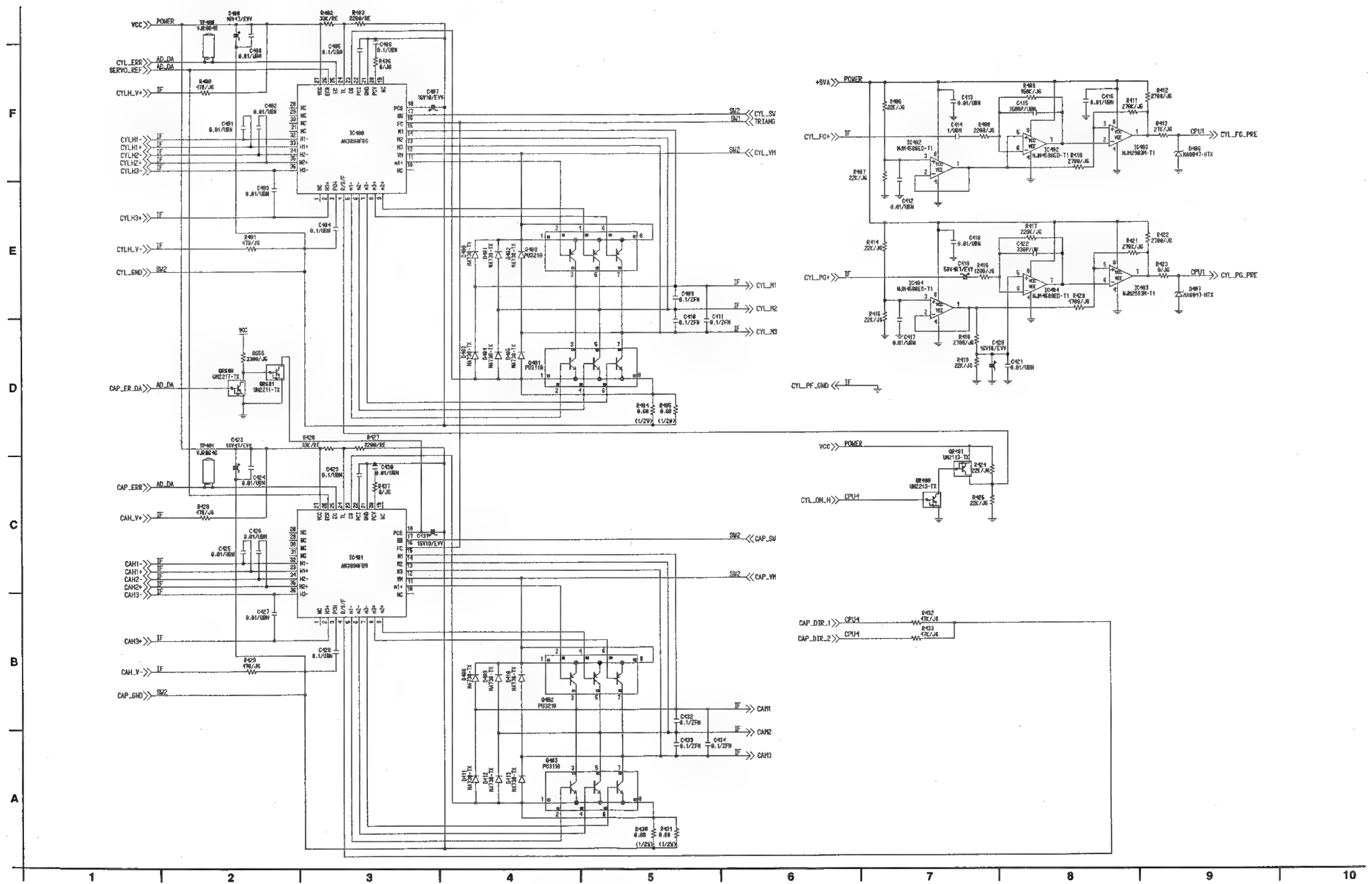
F



F1 SERVO 14/19 (SW2) SCHEMATIC DIAGRAM



F1 SERVO 15/19 (CA CY DRV) SCHEMATIC DIAGRAM



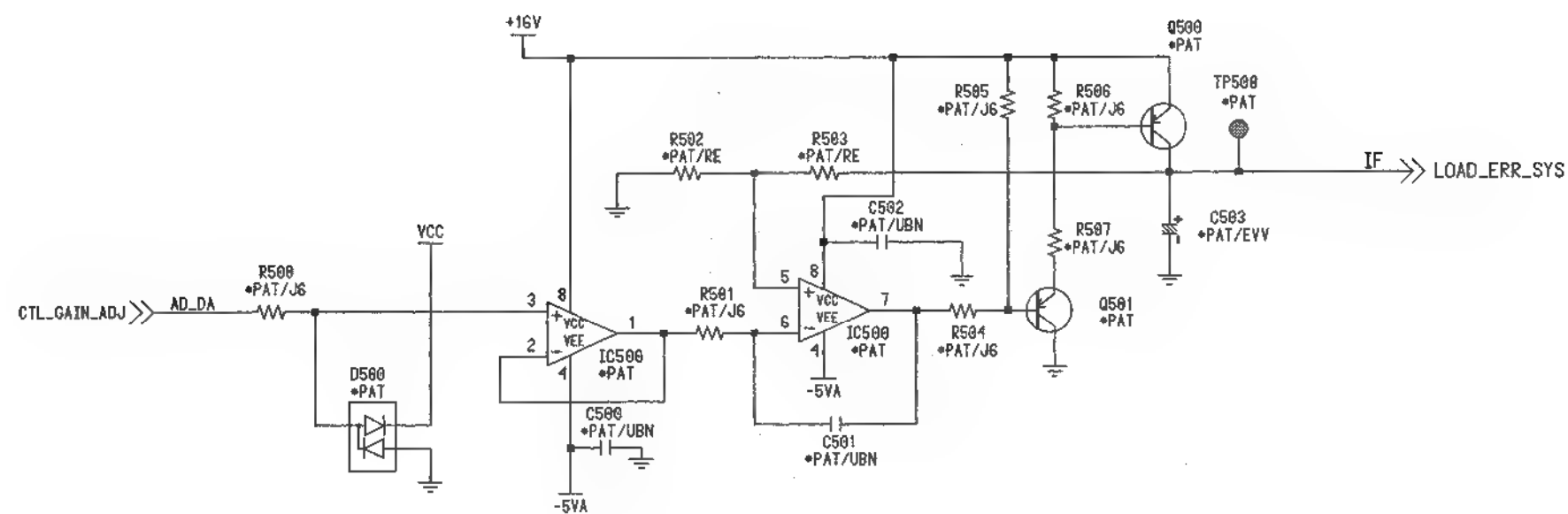
The schematic diagram illustrates the internal architecture of a 3-channel reeler system, organized into six horizontal sections labeled T, E, D, C, B, and A. Each section represents a channel of the system, with the top channel (T) and bottom channel (A) being identical, while the middle channels (E, D, C, B) are variations.

Key Components and Connections:

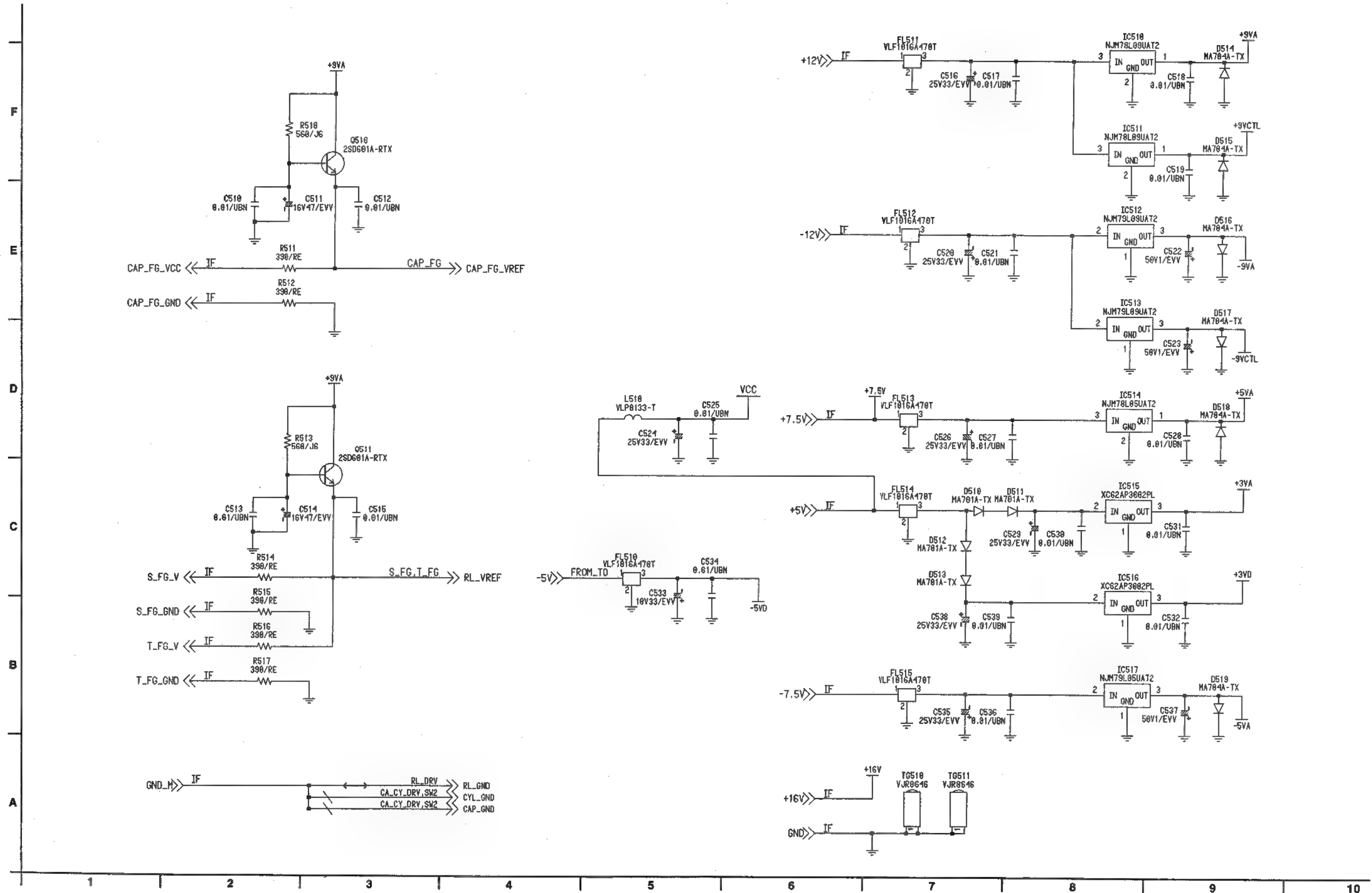
- Input Signals:**
 - T_RL_ERR, S_RL_ERR:** Error signals connected to comparators (IC452) via resistors (R450, R461) and capacitors (C450, C473).
 - T_VM, S_VM:** Valid signals connected to comparators (IC600) via resistors (R654, R661) and capacitors (C600, C601).
 - T_RL_DIR, S_RL_DIR:** Direction signals connected to the reeler logic via CPU4.
- Internal Logic:**
 - Comparators (IC452, IC600):** Used for error and valid signal detection. IC452 is a UPC4558G2-T1, and IC600 is an NJM2933M-T1.
 - Multiplexers (IC458, IC451):** AN3834K multiplexers that route signals between the comparators and the output bus.
 - Passive Components:** Numerous resistors (R450-R469) and capacitors (C450-C493) are used for signal conditioning, timing, and decoupling.
- Output Signals:**
 - IF (Interleave Factor):** A 12-bit parallel bus output for each channel, with signals like TRM2, TRH1+, TRH1-, TRM3, TRH2+, TRH2-, TRM1, TRH3+, and TRH3-.
 - SRM2-SRH3+:** Similar output signals for the bottom channel.
- Power and Ground:**
 - VCC:** Supply voltage for the logic.
 - GND:** Ground reference.
 - TP451:** A test point for the +5V supply.

The diagram is a detailed representation of the reeler's internal logic, showing the flow of signals from inputs through various logic components to the final output bus.

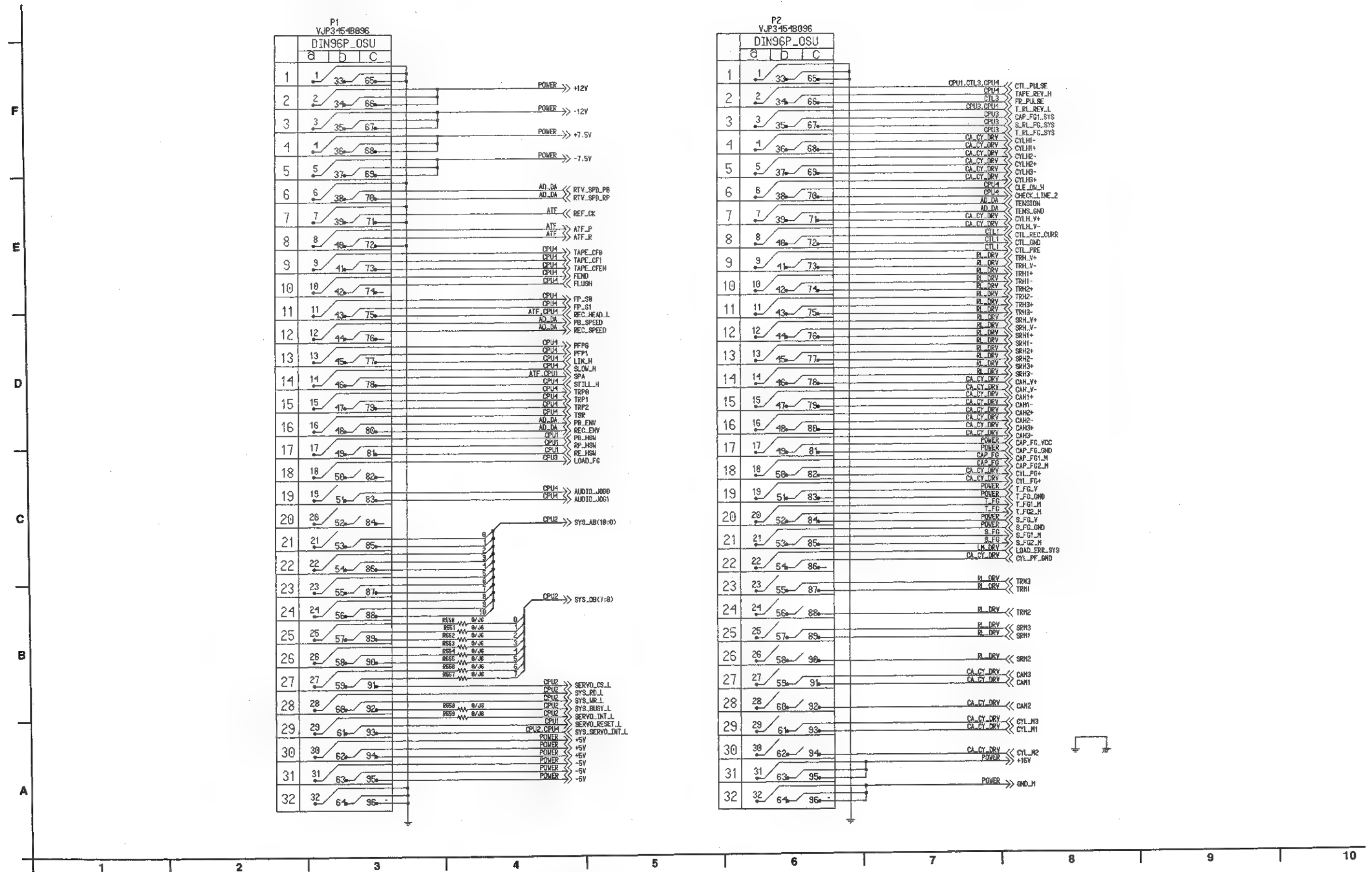
F1 SERVO 17/19 (LM DRV) SCHEMATIC DIAGRAM



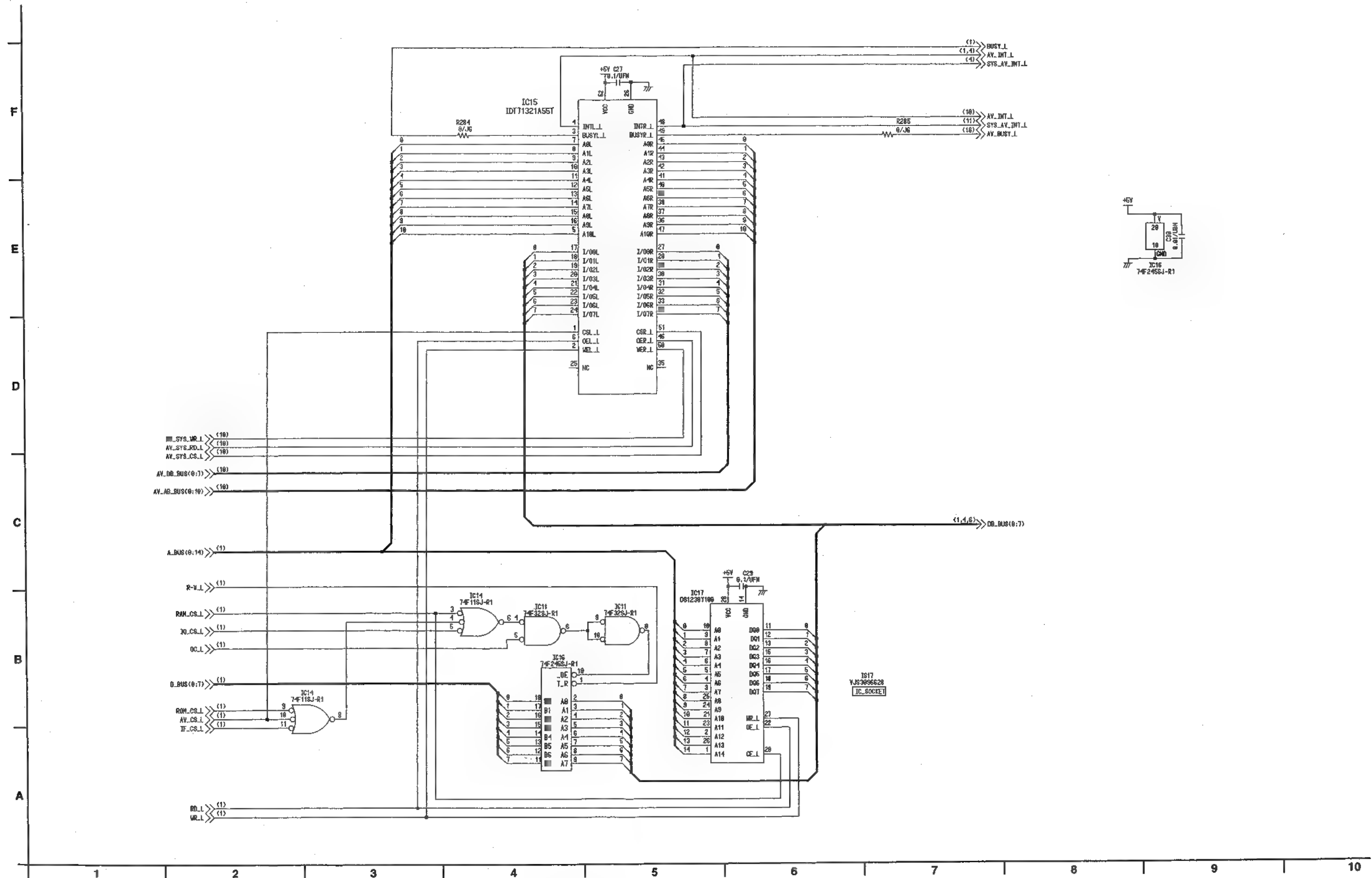
F1 SERVO 18/19 (POWER) SCHEMATIC DIAGRAM



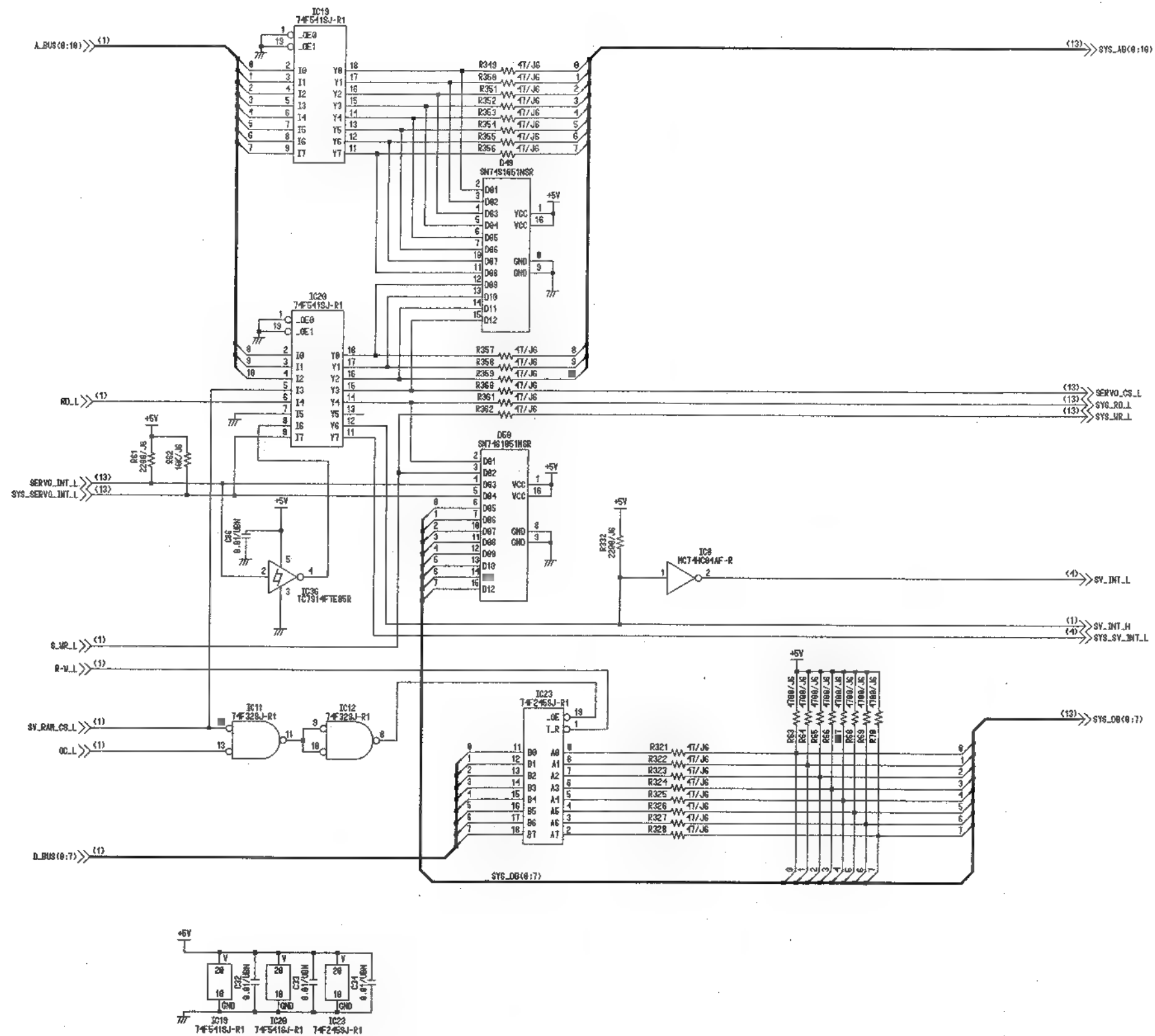
F1 SERVO 19/19 (CONNECTOR) SCHEMATIC DIAGRAM



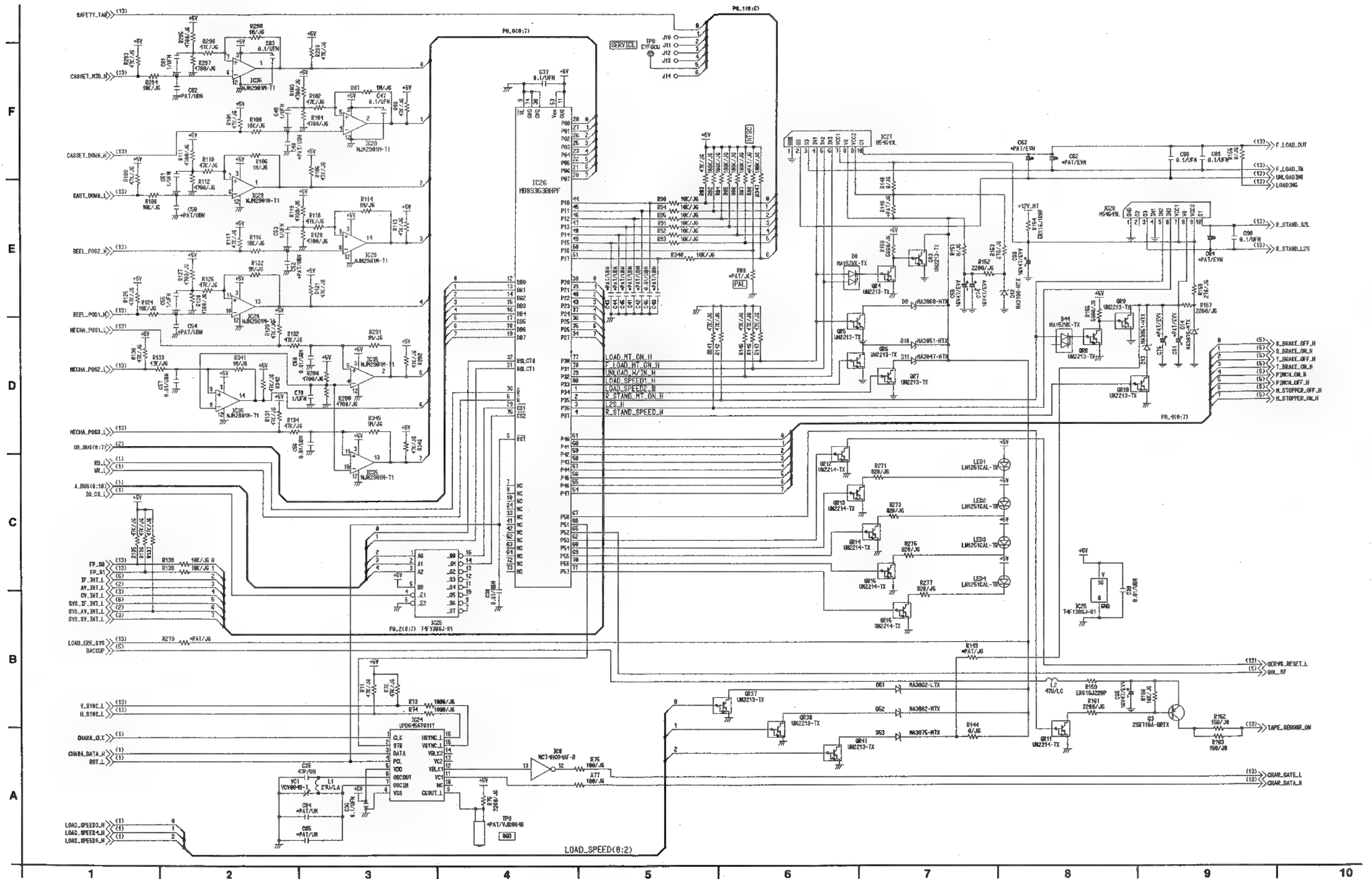
F2 SYSCON 2/14 (MAIN 2) SCHEMATIC DIAGRAM



F2 SYSCON 3/14 (MAIN 3) SCHEMATIC DIAGRAM



F2 SYSCON 4/14 (MAIN 4) SCHEMATIC DIAGRAM

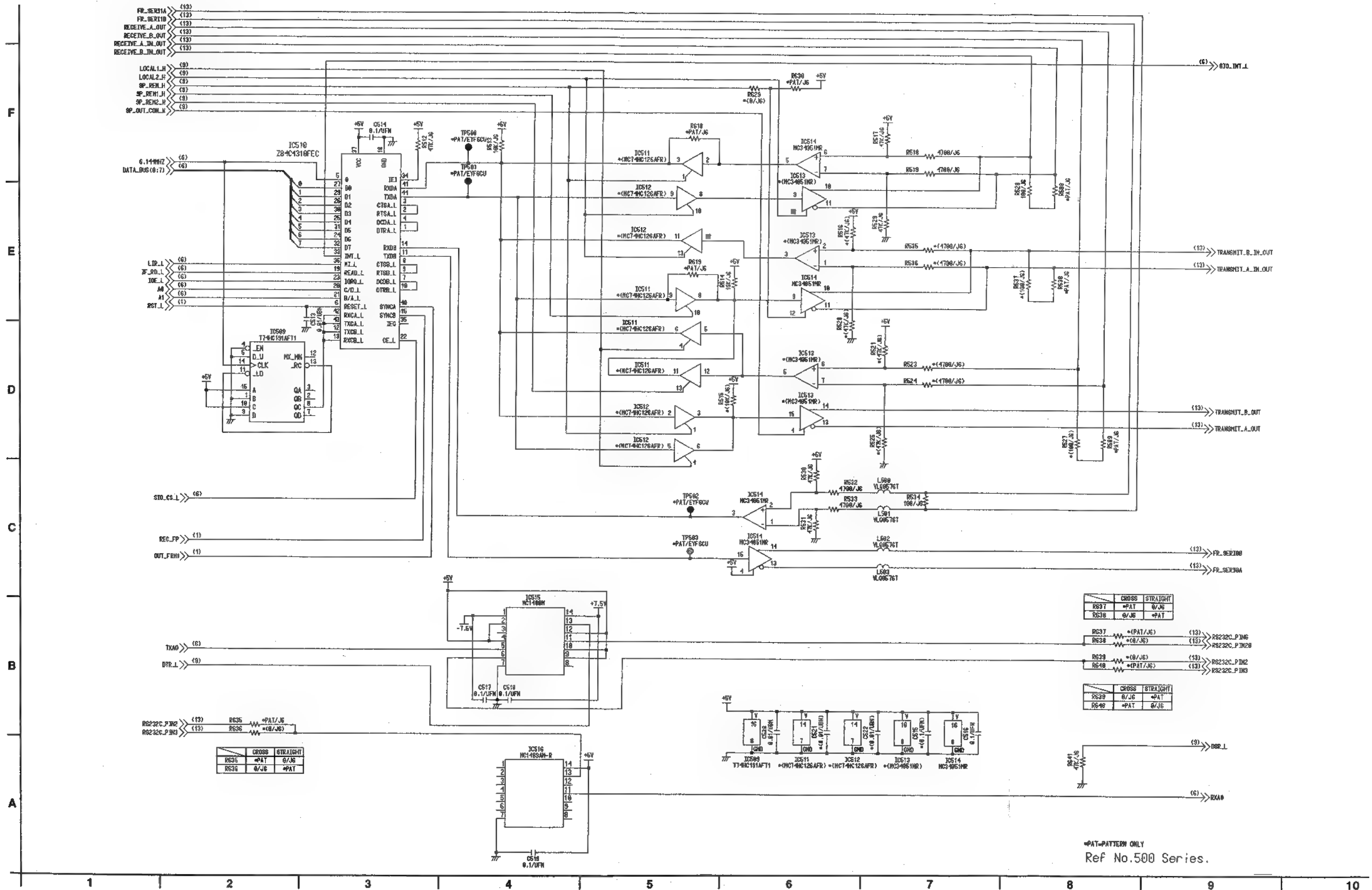


[illegible]

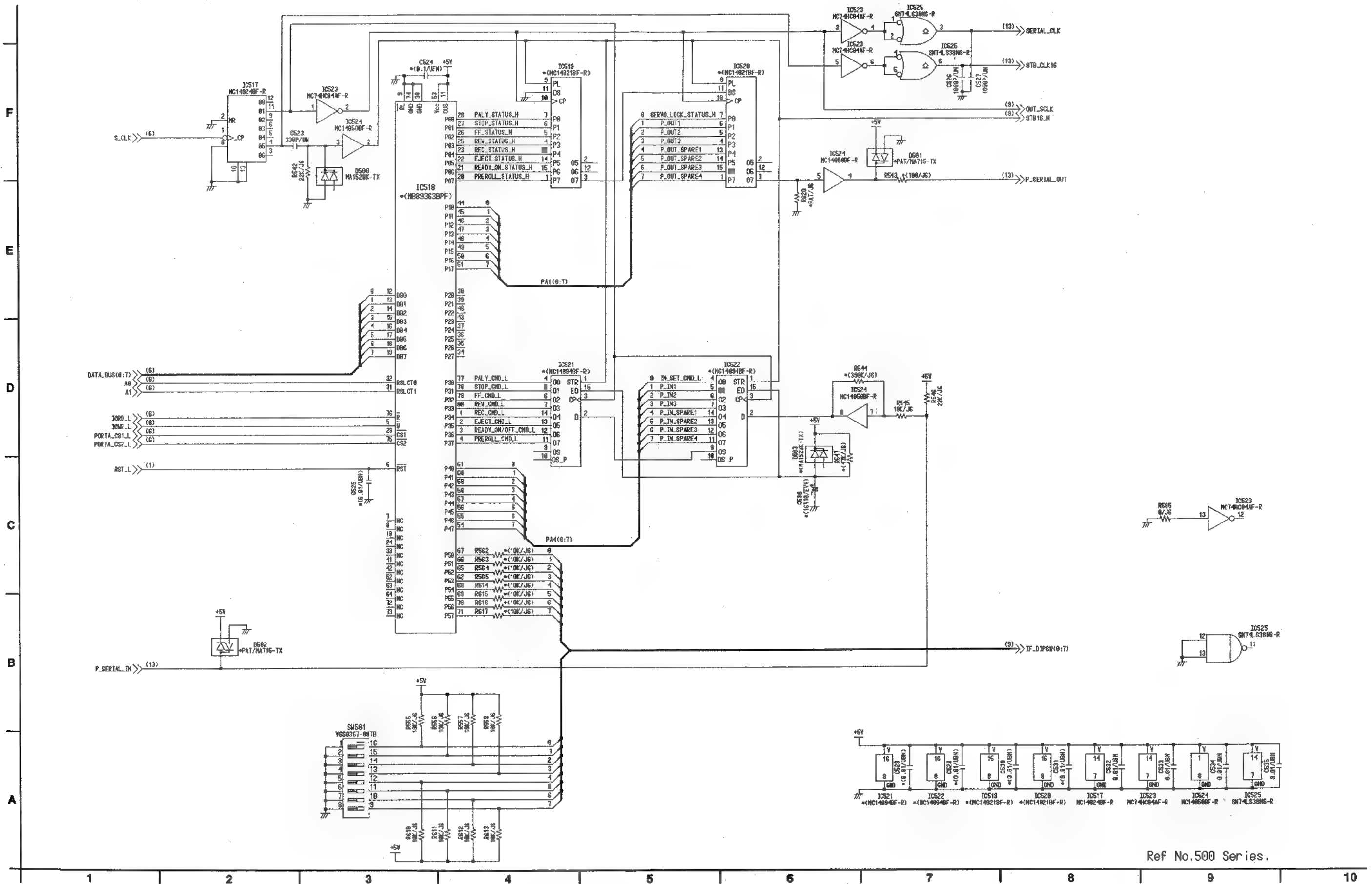
A



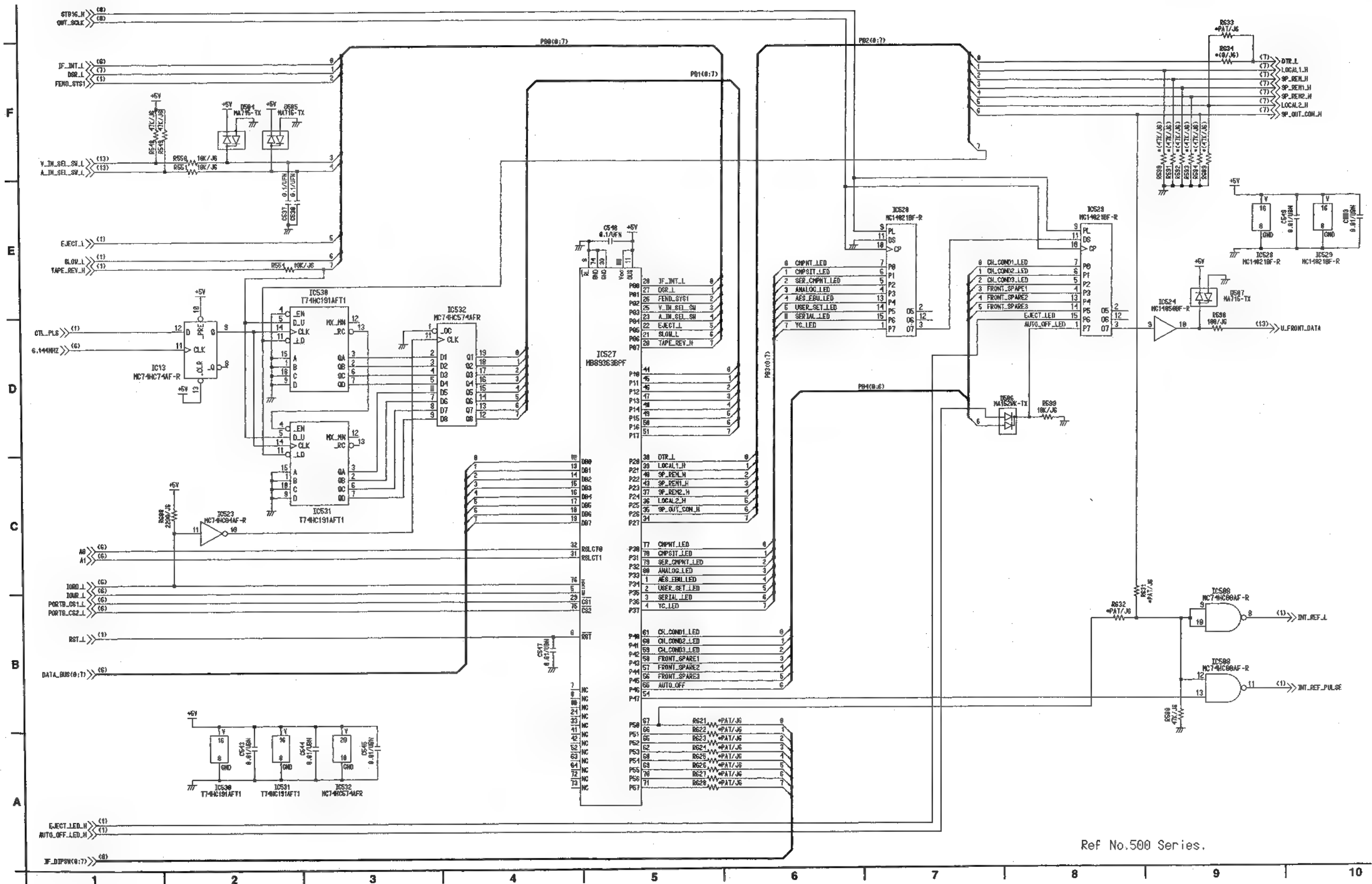
F2 SYSCON 7/14 (I/F 2) SCHEMATIC DIAGRAM



F2 SYSCON 8/14 (I/F 3) SCHEMATIC DIAGRAM

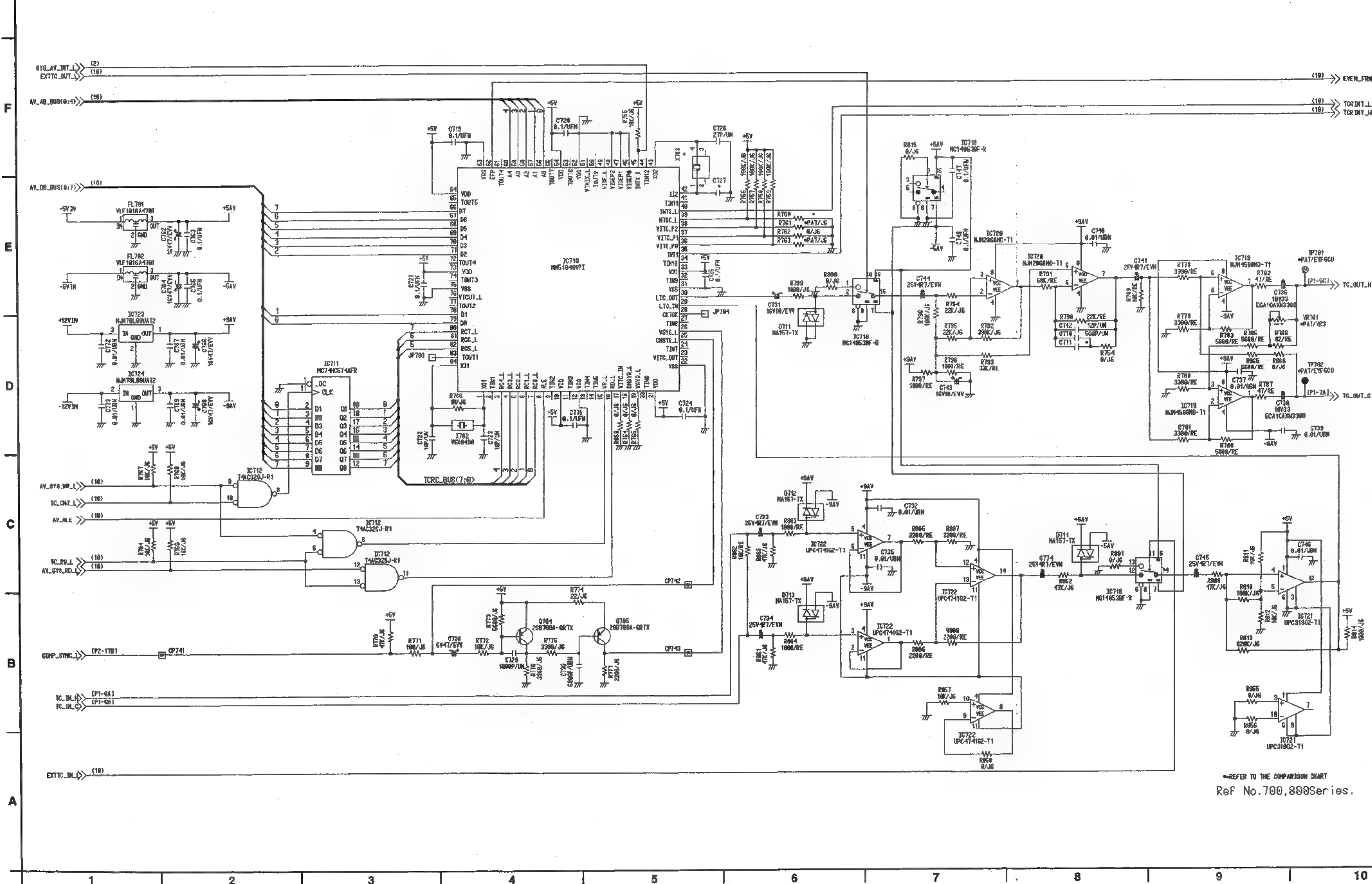


F2 SYSCON 9/14 (I/F 4) SCHEMATIC DIAGRAM



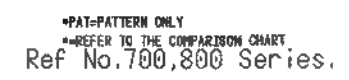
2-40

F2 SYSCON 11/14 (AV I/F 2) SCHEMATIC DIAGRAM

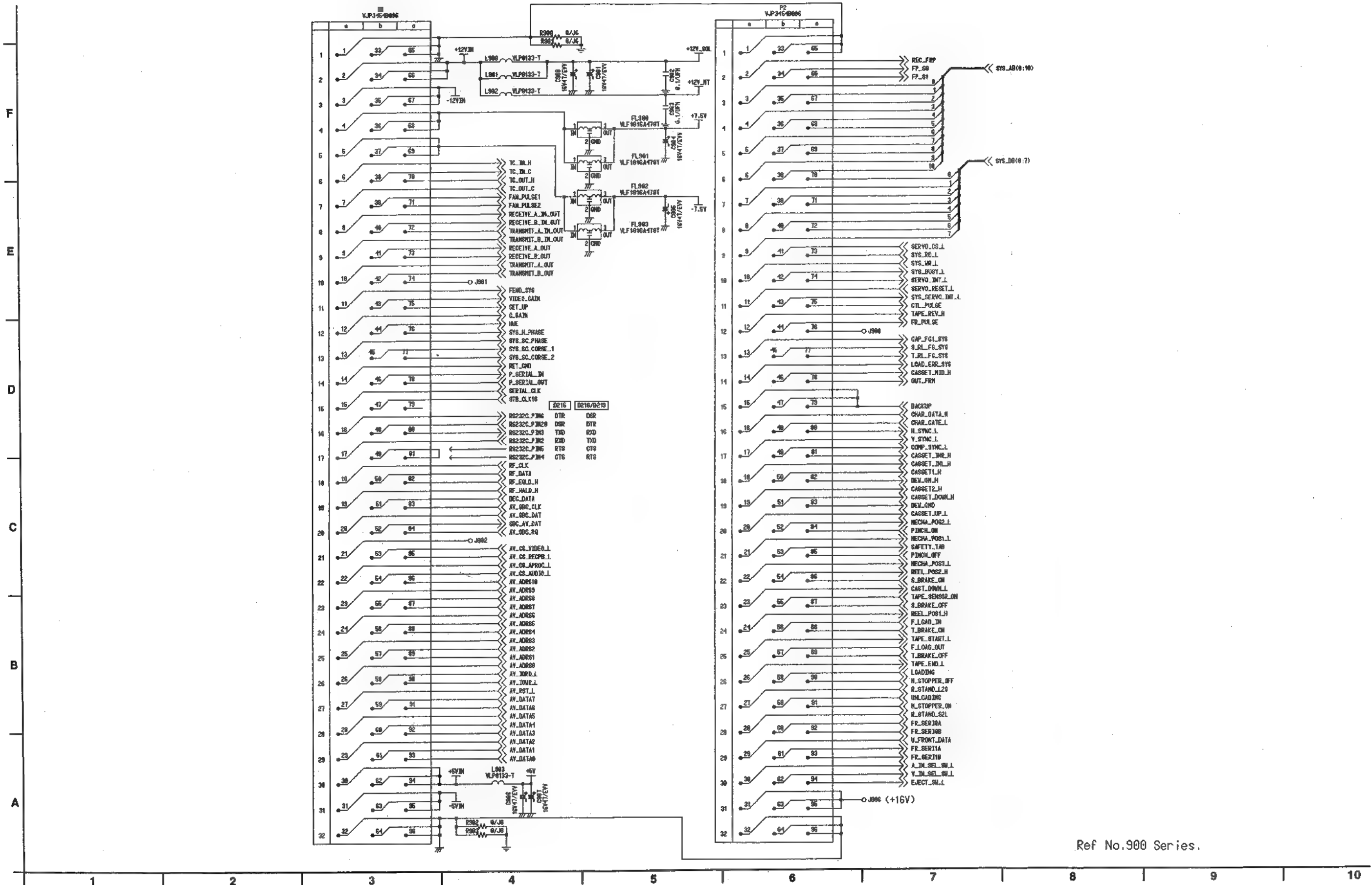


REFER TO THE COMPARISON CHART
Ref No.700,800Series.

F
E
D
C
B
A



F2 SYSCON 13/14 (CONNECTOR) SCHEMATIC DIAGRAM



Ref No.900 Series.

A vertical scale with labels A, B, C, D, E, and F from bottom to top, with horizontal tick marks.

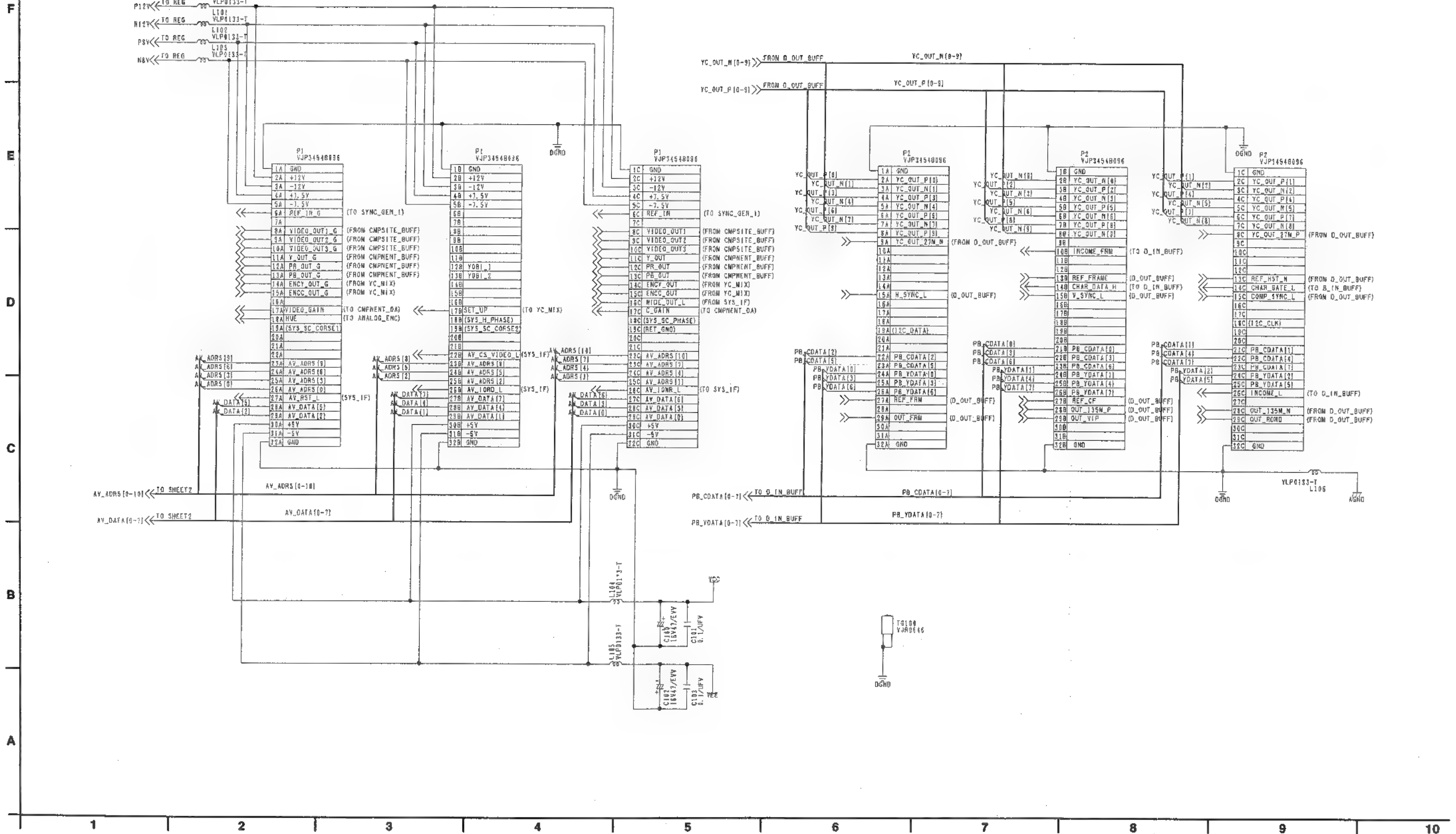
\$REF\$	NTSC	PAL
C2	*PAT/UBN	*PAT/UBN
C3	*PAT/UBN	*PAT/UBN
C4	*PAT/UBN	*PAT/UBN
C40	*PAT/UBN	*PAT/UBN
C41	*PAT/UBN	*PAT/UBN
C42	*PAT/UBN	*PAT/UBN
C43	*PAT/UBN	*PAT/UBN
C44	*PAT/UBN	*PAT/UBN
C45	*PAT/UBN	*PAT/UBN
C48	*PAT/UBN	*PAT/UBN
C5	*PAT/UBN	*PAT/UBN
C50	*PAT/UBN	*PAT/UBN
C515	*PAT/UFN	*PAT/UFN
C52	*PAT/UBN	*PAT/UBN
C521	*PAT/UBN	*PAT/UBN
C522	*PAT/UBN	*PAT/UBN
C524	*PAT/UFN	*PAT/UFN
C525	*PAT/UBN	*PAT/UBN
C528	*PAT/UBN	*PAT/UBN
C529	*PAT/UBN	*PAT/UBN
C530	*PAT/UBN	*PAT/UBN
C531	*PAT/UBN	*PAT/UBN
C536	*PAT/EVV	*PAT/EVV
C54	*PAT/UBN	*PAT/UBN
C6	*PAT/UBN	*PAT/UBN
C61	*PAT/EVV	*PAT/EVV
C62	*PAT/EVN	*PAT/EVN
C63	*PAT/EVN	*PAT/EVN
C64	*PAT/EVN	*PAT/EVN
C7	*PAT/UBN	*PAT/UBN
C727	18P/UN	22P/UN
C75	*PAT/EVV	*PAT/EVV
C771	120P/UN	2200P/UBN
C786	*PAT/UN	*PAT/UN
C787	*PAT/UN	*PAT/UN
C788	*PAT/UN	*PAT/UN
C8	*PAT/UBN	*PAT/UBN
C82	*PAT/UBN	*PAT/UBN
C84	*PAT/UN	*PAT/UN
C85	*PAT/UN	*PAT/UN
D501	*PAT	*PAT
D502	*PAT	*PAT
D503	*PAT	*PAT

\$REF\$	NTSC	PAL
IC2	VS12384	VS12397
IC503	VS12385	VS12398
IC511	*PAT	*PAT
IC512	*PAT	*PAT
IC513	*PAT	*PAT
IC518	*PAT	*PAT
IC519	*PAT	*PAT
IC520	*PAT	*PAT
IC521	*PAT	*PAT
IC522	*PAT	*PAT
IC702	VS12387	VS12399
P701	*PAT	*PAT
R143	*PAT/J6	*PAT/J6
R149	*PAT/J6	*PAT/J6
R279	*PAT/J6	*PAT/J6
R282	*PAT/J6	*PAT/J6
R32	*PAT/J6	*PAT/J6
R331	*PAT/J6	*PAT/J6
R36	*PAT/J6	*PAT/J6
R37	*PAT/J6	*PAT/J6
R515	*PAT/J6	*PAT/J6
R516	*PAT/J6	*PAT/J6
R521	*PAT/J6	*PAT/J6
R523	*PAT/J6	*PAT/J6
R524	*PAT/J6	*PAT/J6
R525	*PAT/J6	*PAT/J6
R527	*PAT/J6	*PAT/J6
R528	*PAT/J6	*PAT/J6
R535	*PAT/J6	*PAT/J6
R536	*PAT/J6	*PAT/J6
R537	*PAT/J6	*PAT/J6
R538	*PAT/J6	*PAT/J6
R543	*PAT/J6	*PAT/J6
R544	*PAT/J6	*PAT/J6
R547	*PAT/J6	*PAT/J6
R562	*PAT/J6	*PAT/J6
R563	*PAT/J6	*PAT/J6
R564	*PAT/J6	*PAT/J6
R565	*PAT/J6	*PAT/J6
R588	*PAT/J6	*PAT/J6
R589	*PAT/J6	*PAT/J6
R590	*PAT/J6	*PAT/J6
R591	*PAT/J6	*PAT/J6

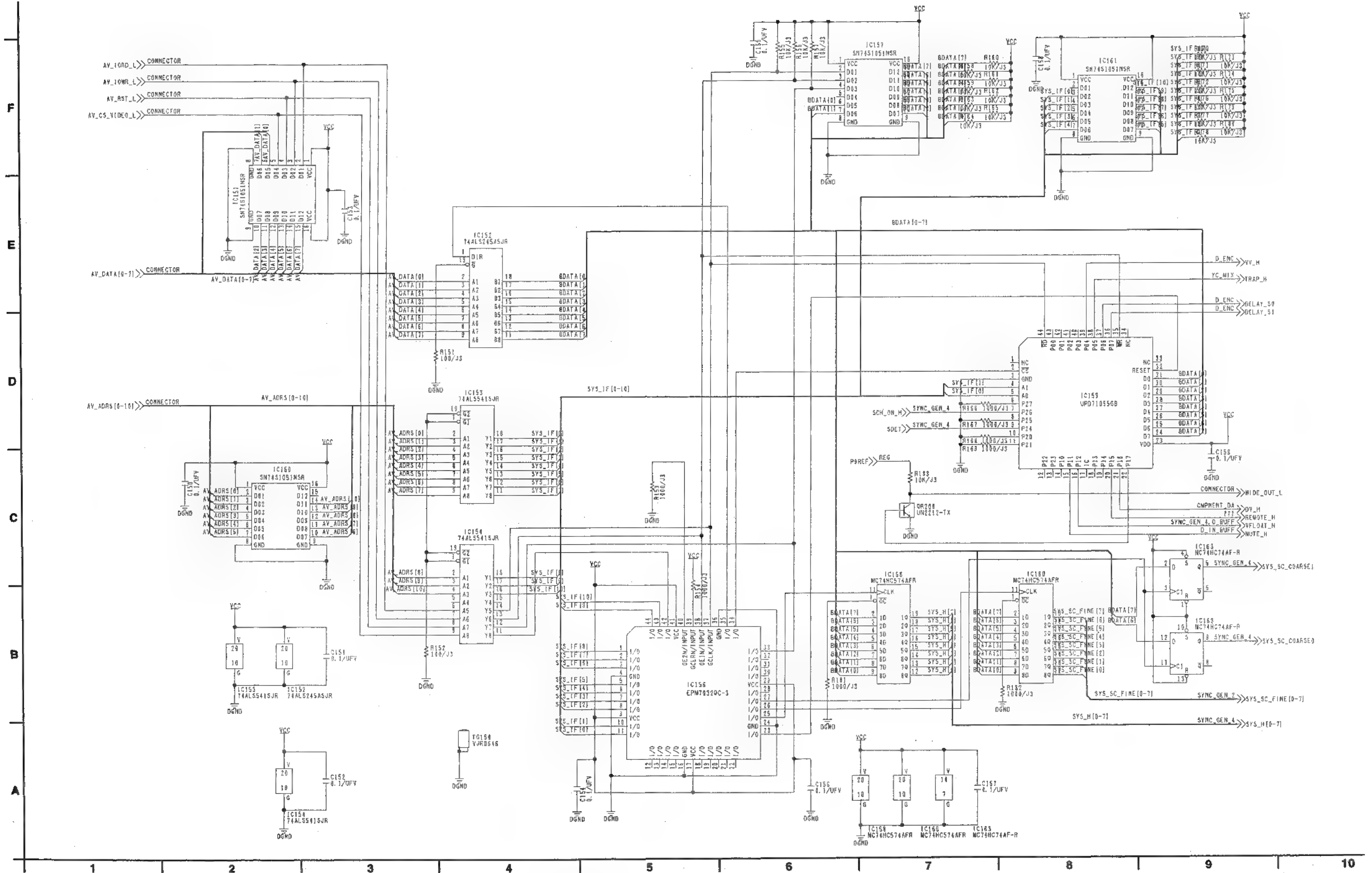
\$REF\$	NTSC	PAL
R592	*PAT/J6	*PAT/J6
R593	*PAT/J6	*PAT/J6
R594	*PAT/J6	*PAT/J6
R609	*PAT/J6	*PAT/J6
R614	*PAT/J6	*PAT/J6
R615	*PAT/J6	*PAT/J6
R616	*PAT/J6	*PAT/J6
R617	*PAT/J6	*PAT/J6
R618	0/J6	0/J6
R619	0/J6	0/J6
R620	0/J6	0/J6
R621	10K/J6	10K/J6
R622	10K/J6	10K/J6
R623	10K/J6	10K/J6
R624	10K/J6	10K/J6
R625	10K/J6	10K/J6
R626	10K/J6	10K/J6
R627	10K/J6	10K/J6
R628	10K/J6	10K/J6
R629	*PAT/J6	*PAT/J6
R630	0/J6	0/J6
R631	*PAT/J6	*PAT/J6
R632	*PAT/J6	*PAT/J6
R633	0/J6	0/J6
R634	*PAT/J6	*PAT/J6
R635	0/J6	0/J6
R636	*PAT/J6	*PAT/J6
R637	0/J6	0/J6
R638	*PAT/J6	*PAT/J6
R639	*PAT/J6	*PAT/J6
R640	0/J6	0/J6
R760	0/J6	*PAT/J6
R761	*PAT/J6	*PAT/J6
R763	*PAT/J6	*PAT/J6
R88	100K/J6	*PAT/J6
R89	*PAT/J6	100K/J6
TG2	*PAT	*PAT
TP1	*PAT	*PAT
TP10	*PAT	*PAT
TP11	*PAT	*PAT
TP12	*PAT	*PAT
TP2	*PAT	*PAT
TP3	*PAT	*PAT

\$REF\$	NTSC	PAL
TP4	*PAT	*PAT
TP5	*PAT	*PAT
TP500	*PAT	*PAT
TP501	*PAT	*PAT
TP502	*PAT	*PAT
TP503	*PAT	*PAT
TP504	*PAT	*PAT
TP505	*PAT	*PAT
TP506	*PAT	*PAT
TP6	*PAT	*PAT
TP7	*PAT	*PAT
TP701	*PAT	*PAT
TP702	*PAT	*PAT
TP9	*PAT	*PAT
VR701	*PAT/VR3	*PAT/VR3
X703	VSX0614-T	VSX0615-T

F4 V OUT 1/16 (CONNECTOR) SCHEMATIC DIAGRAM



F4 V OUT 2/16 (SYS IF) SCHEMATIC DIAGRAM



F4 V OUT 3/16 (D IN BUFF) SCHEMATIC DIAGRAM

F

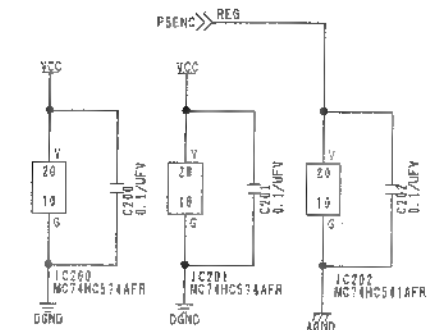
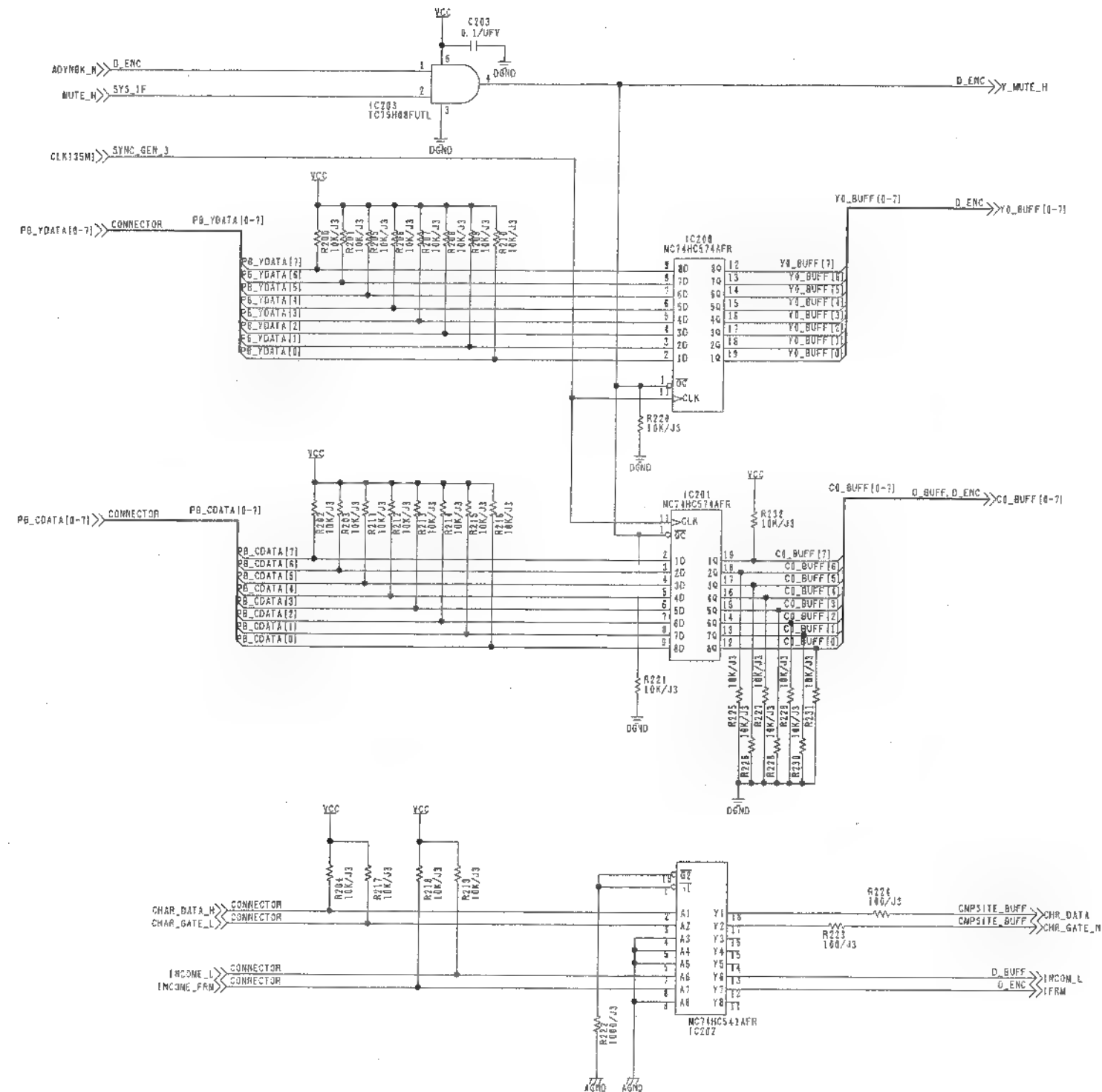
E

D

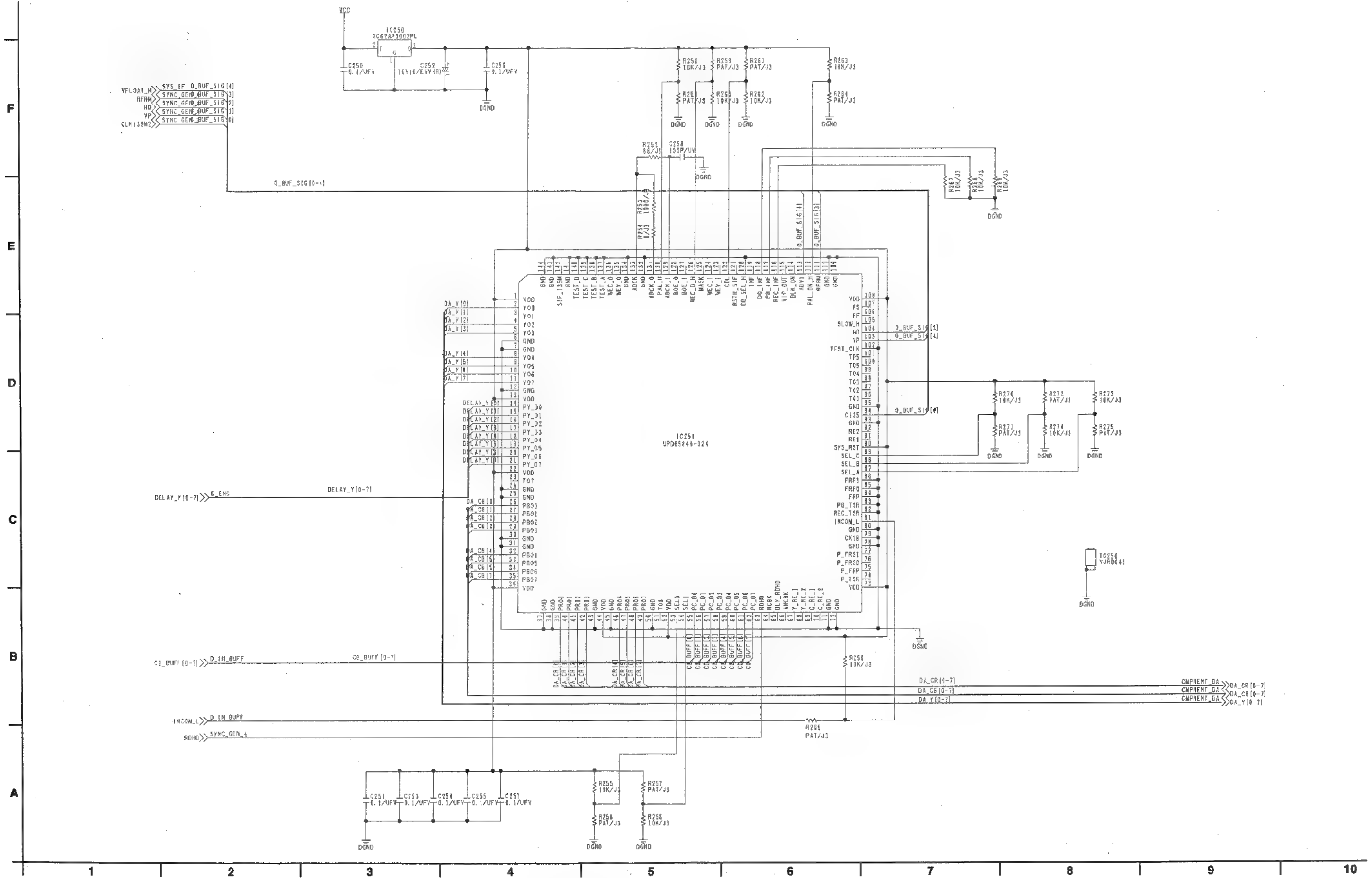
C

B

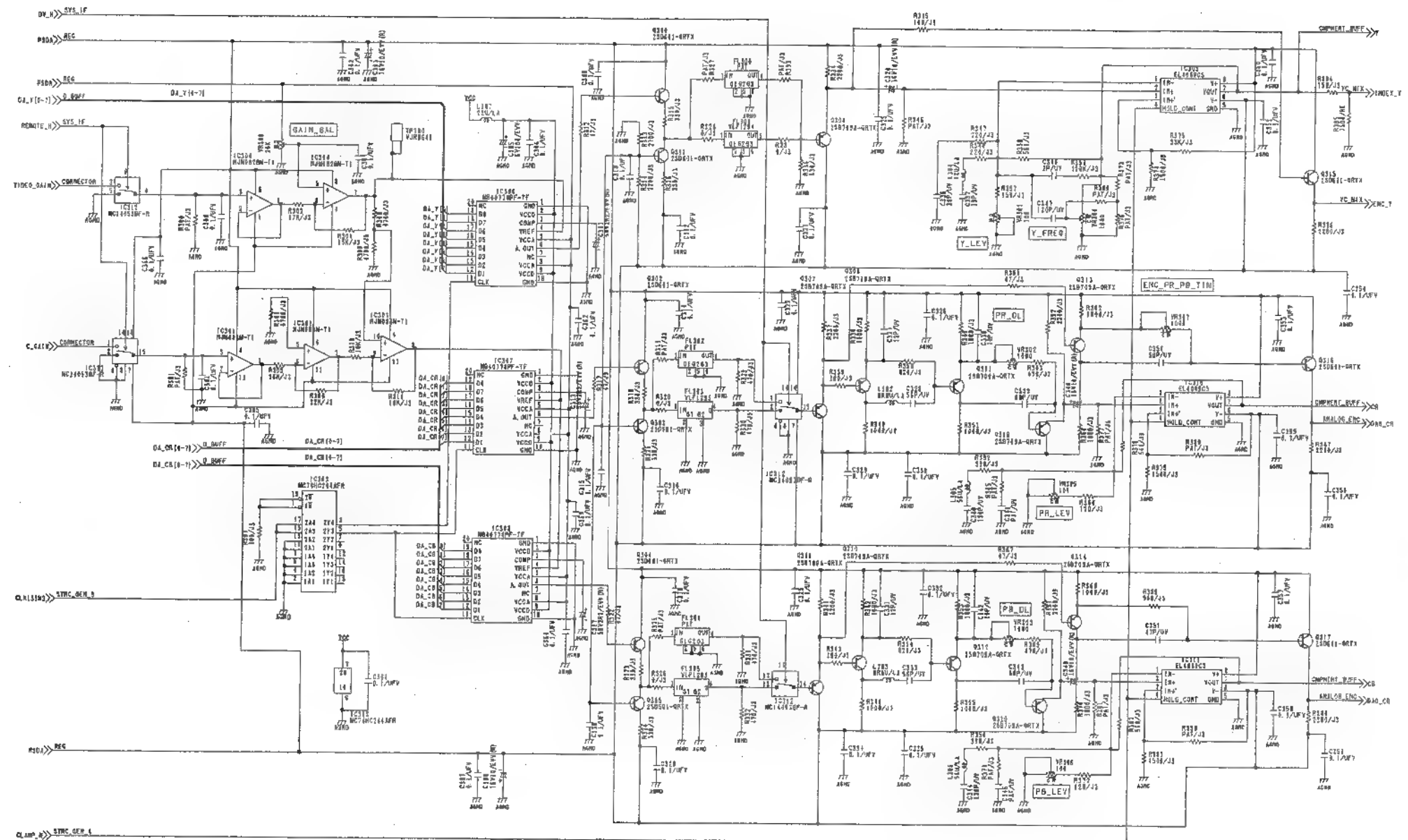
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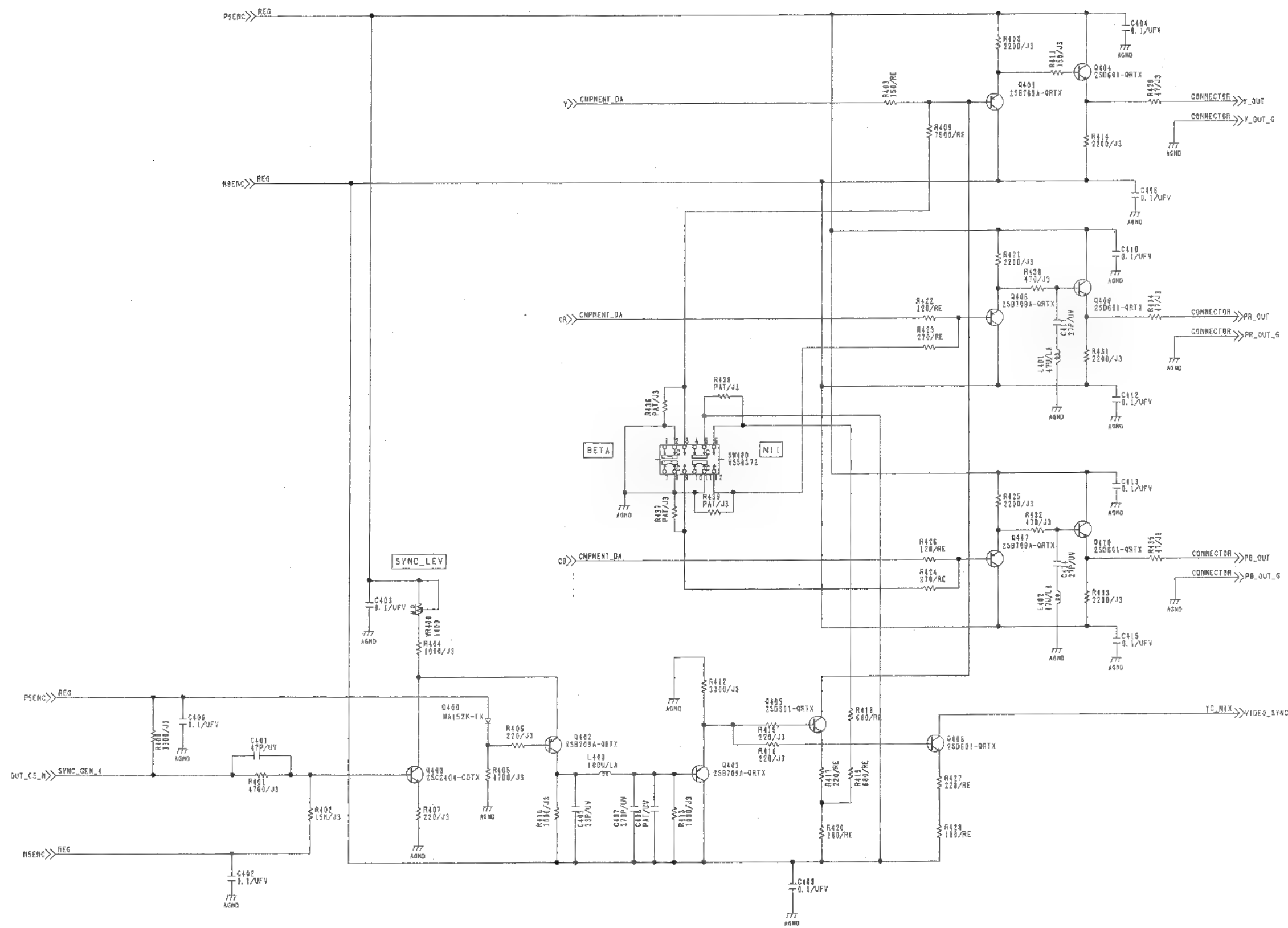
F4 V OUT 4/16 (D BUFF) SCHEMATIC DIAGRAM



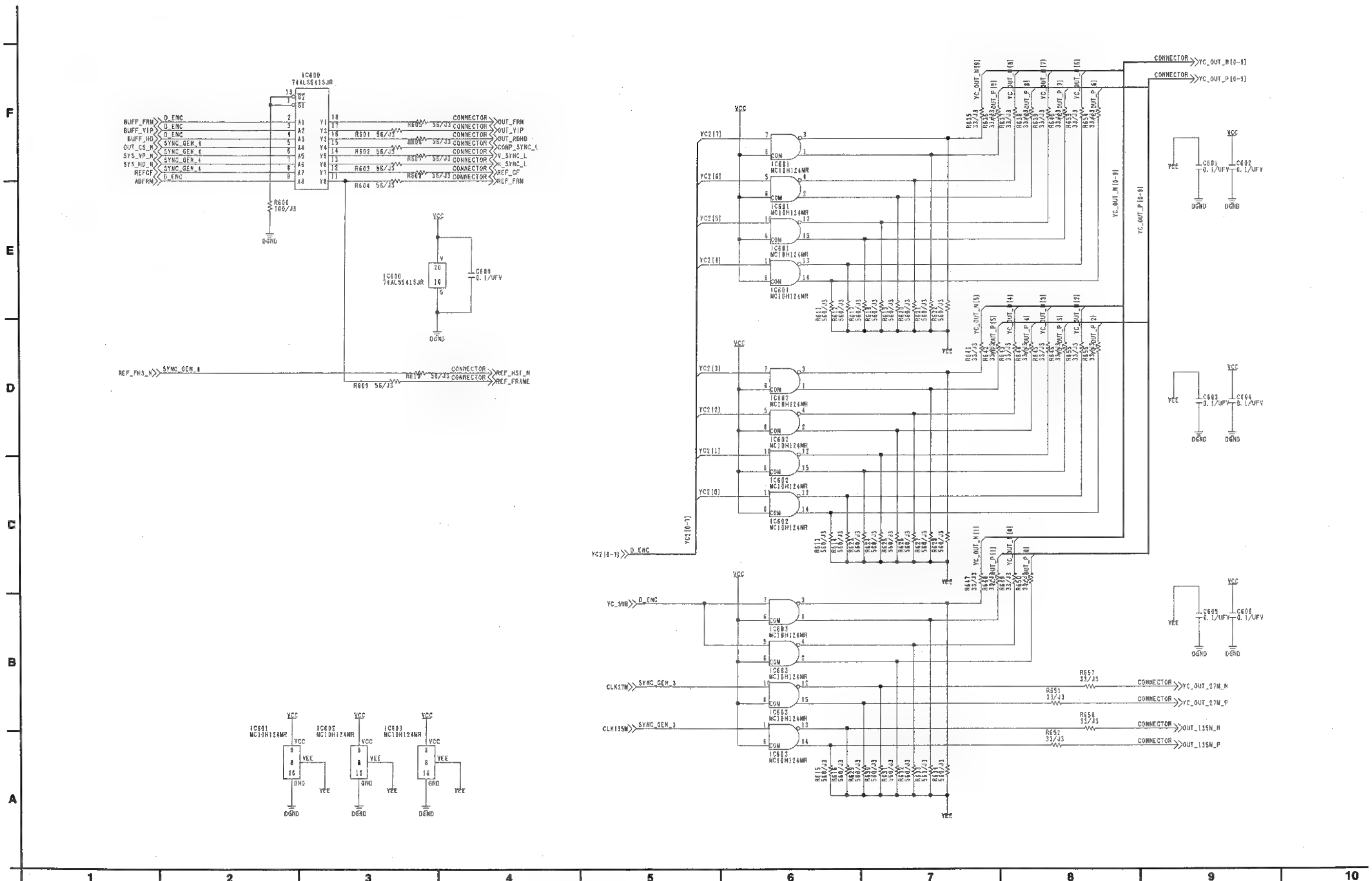
F4 V OUT 5/16 (COMPONENT DA) SCHEMATIC DIAGRAM



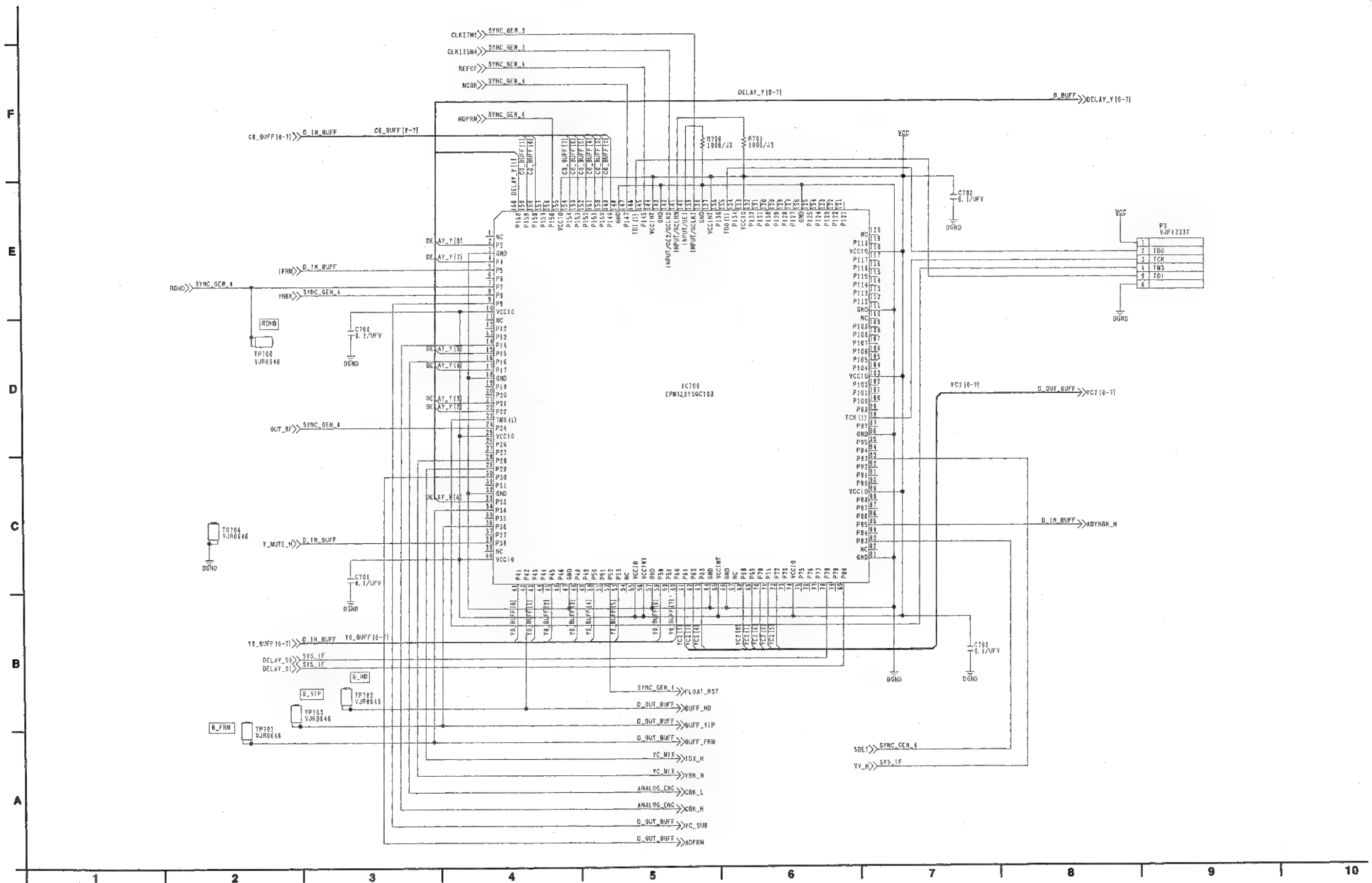
F4 V OUT 6/16 (COMPONENT BUFF) SCHEMATIC DIAGRAM



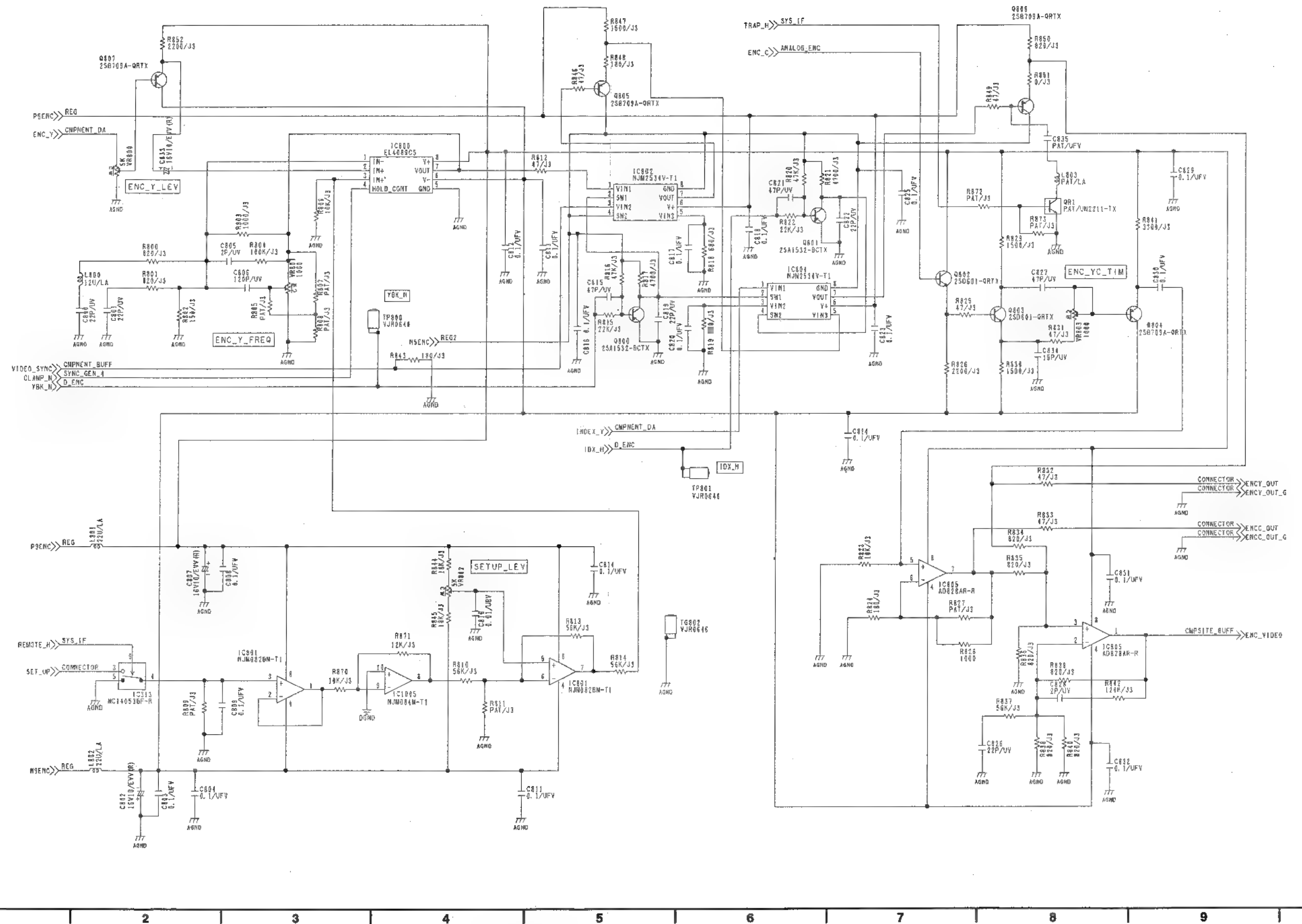
F4 V OUT 8/16 (D OUT BUFF) SCHEMATIC DIAGRAM



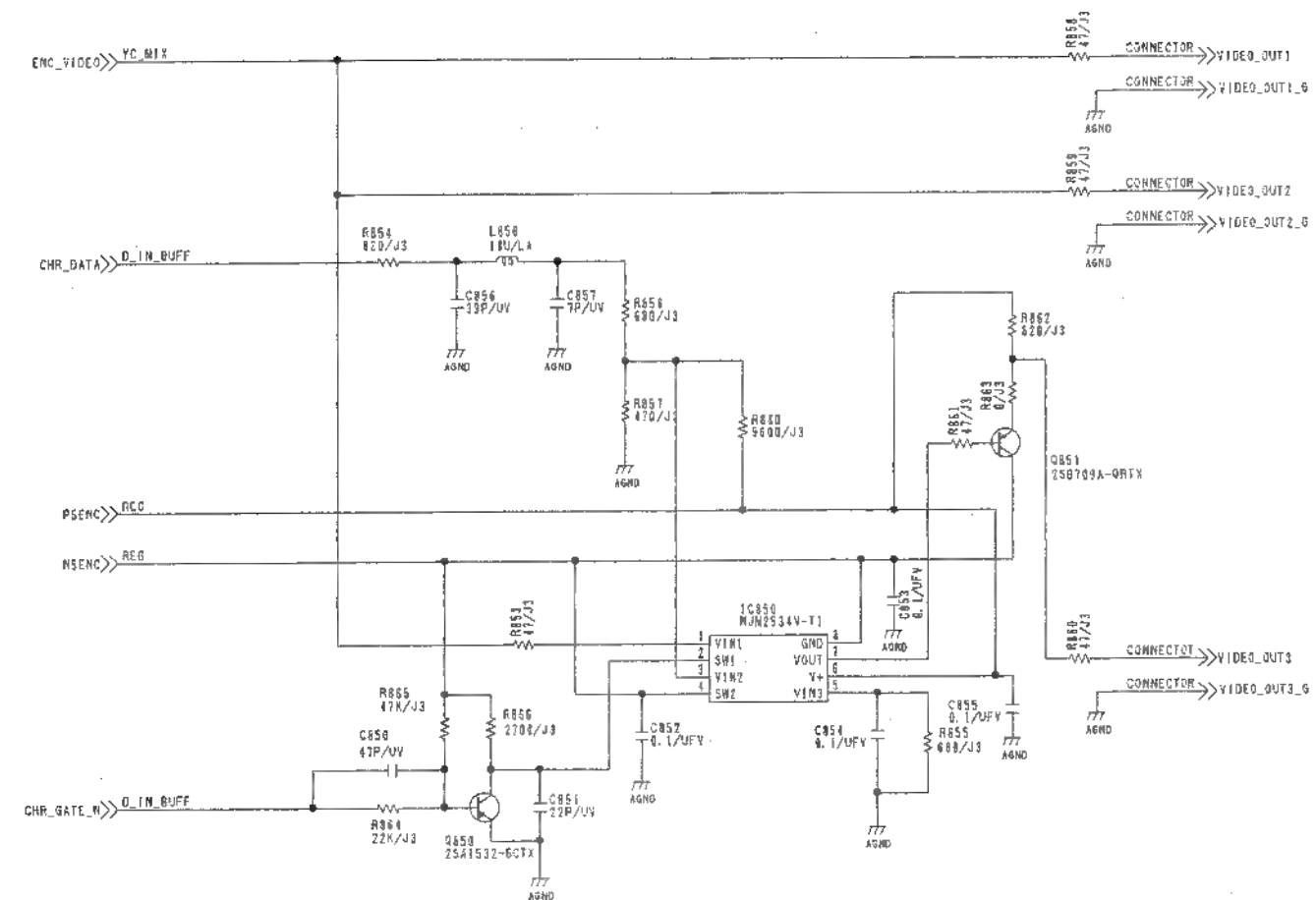
F4 V OUT 9/16 (D ENC) SCHEMATIC DIAGRAM



F4 V OUT 10/16 (YC MIX) SCHEMATIC DIAGRAM



F4 V OUT 11/16 (COMPOSITE BUFF) SCHEMATIC DIAGRAM



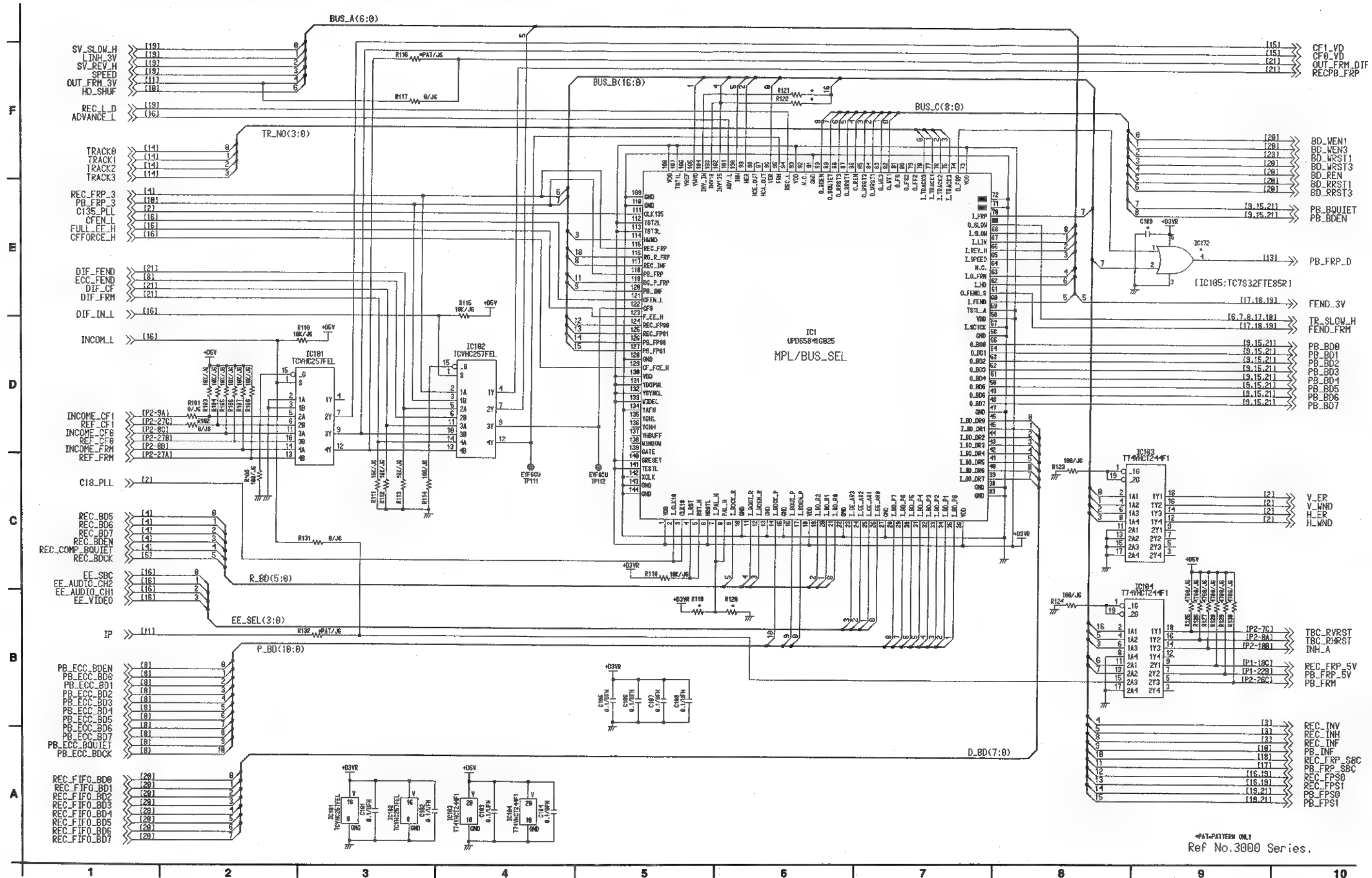
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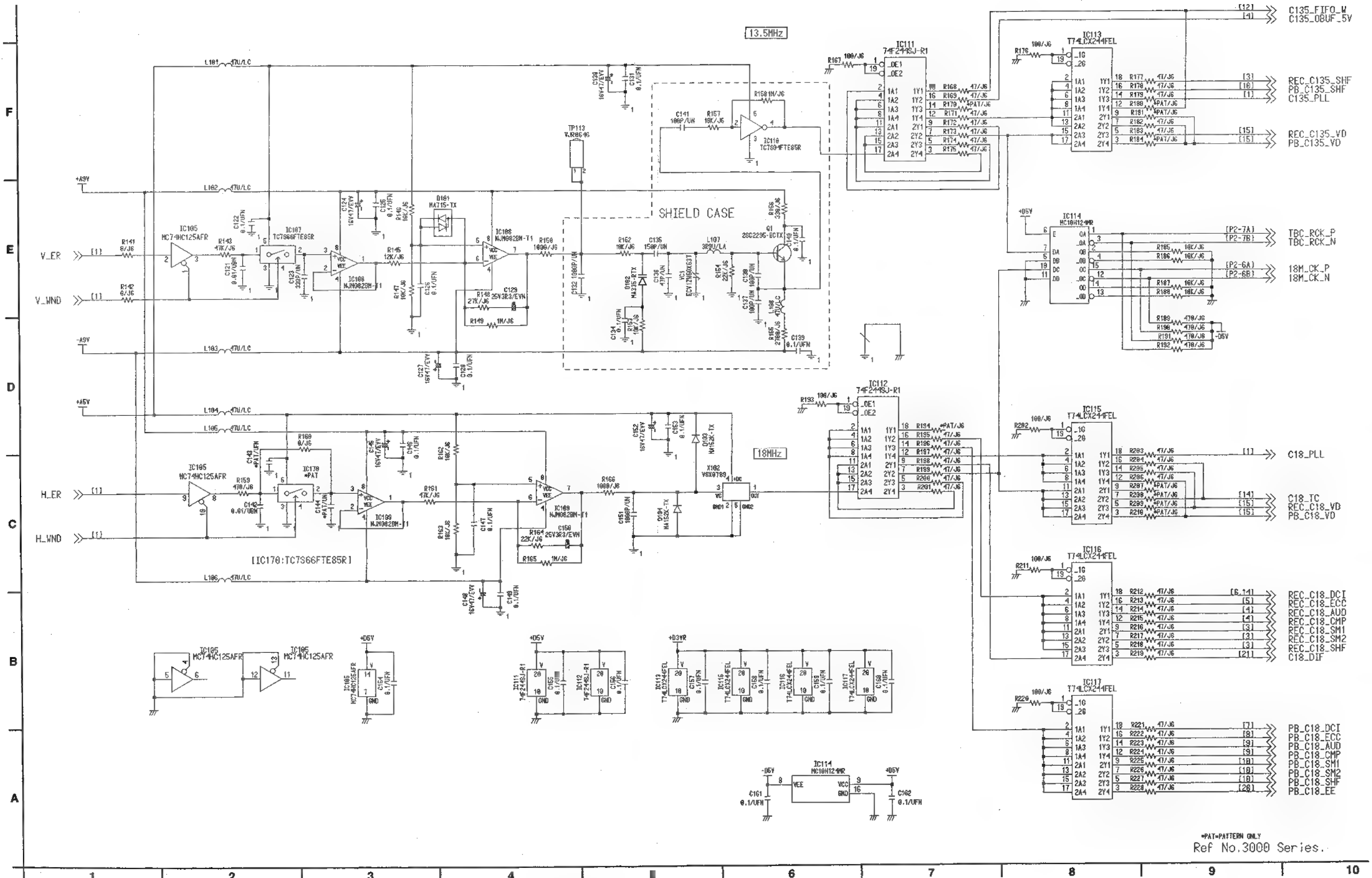


F5 REC PB 1/23 (MPL/BUS SEL) SCHEMATIC DIAGRAM



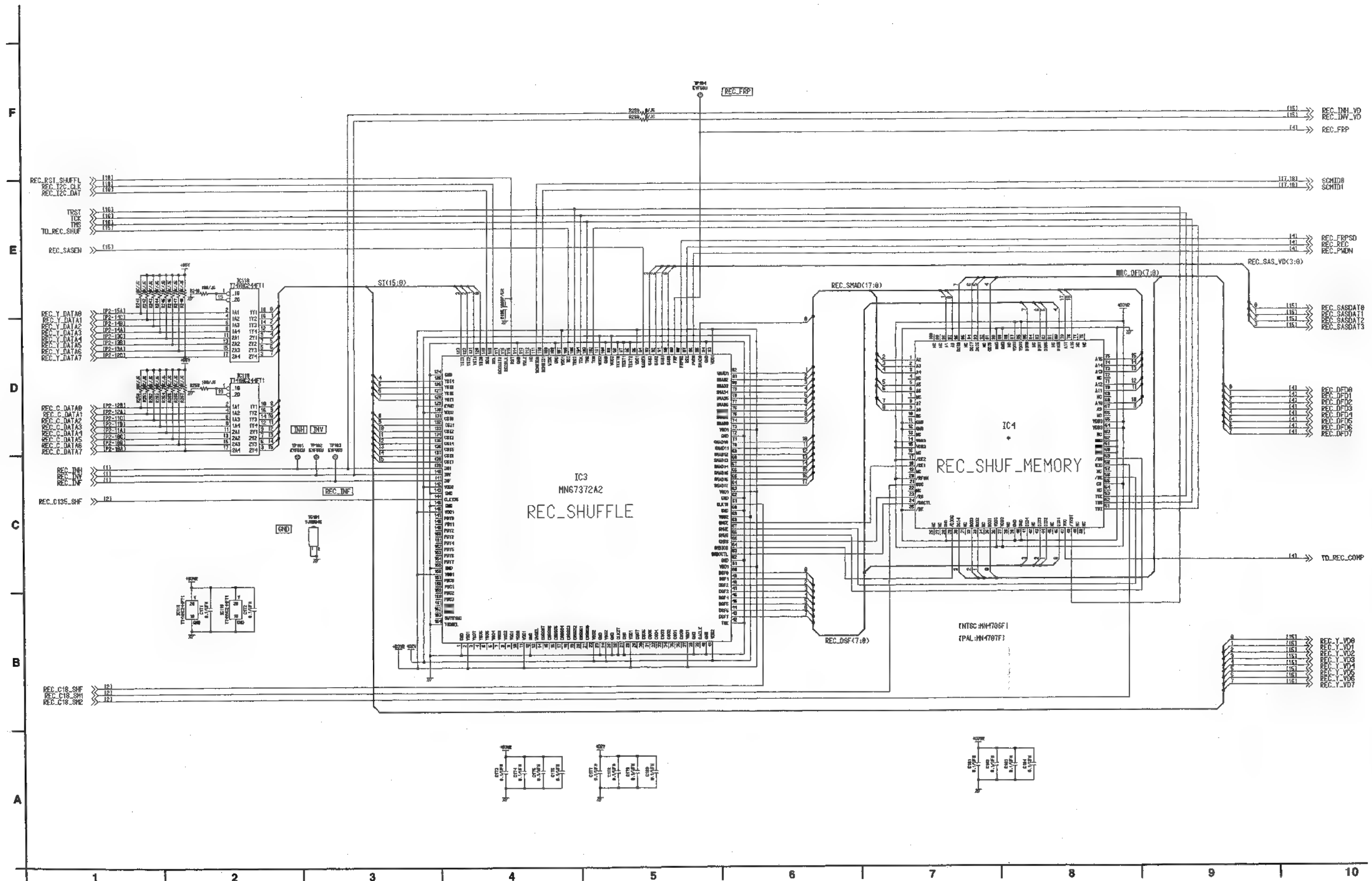
*PAT-PATTERN ONLY
Ref No.3000 Series.

F5 REC PB 2/23 (PLL) SCHEMATIC DIAGRAM

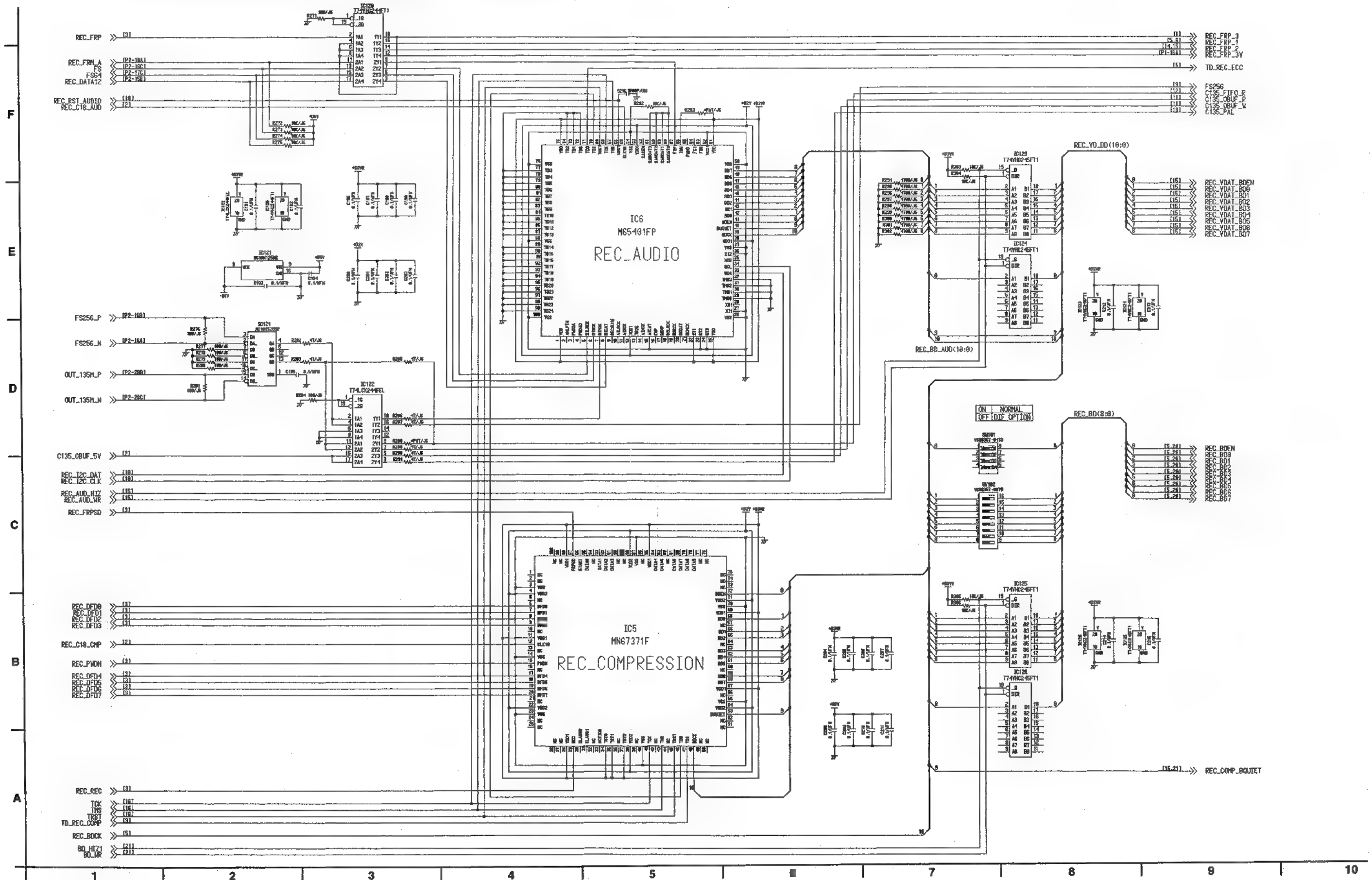


*PAT= PATTERN ONLY
Ref No.3000 Series.

F5 REC PB 3/23 (REC SHUF) SCHEMATIC DIAGRAM



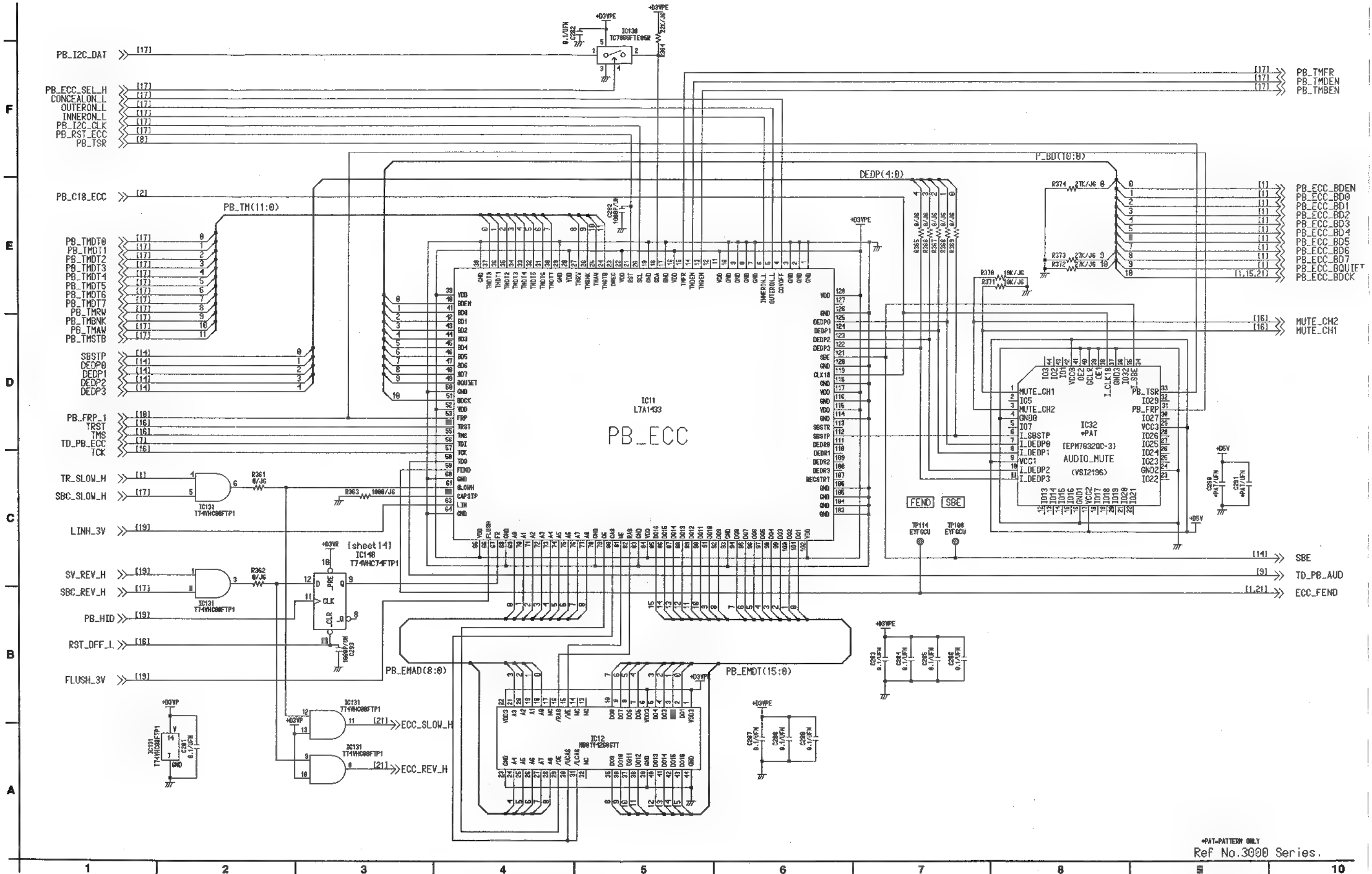
F5 REC PB 4/23 (REC COMP, AUD) SCHEMATIC DIAGRAM



[illegible]

2-65

F5 REC PB 8/23 (PB ECC) SCHEMATIC DIAGRAM



*PAT-PATTERN ONLY
Ref No.3000 Series.

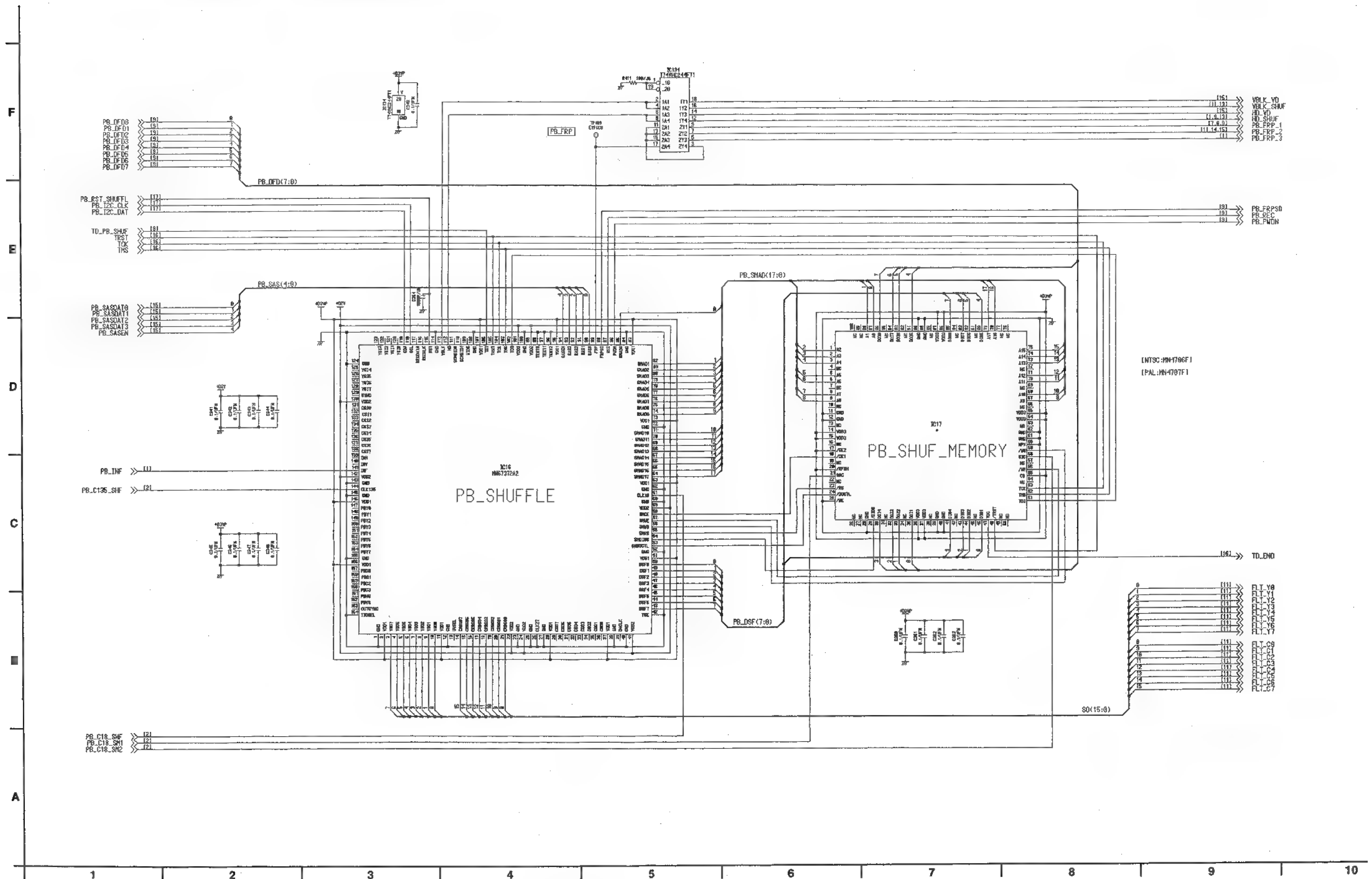
The schematic diagram illustrates the internal architecture of the PB_AUDIO and PB_COMPRESSION blocks. Key components include:

- IC13 (PB_COMPRESSION):** A central processing unit for audio compression, featuring multiple input/output pins and internal logic blocks.
- IC14 (PB_AUDIO):** A central processing unit for audio processing, including a DAC and various control logic.
- IC15 (AUDIO_VCO):** A Variable Frequency Oscillator (VCO) used for generating audio signals.
- IC16 (TDA1244F):** A DAC (Digital-to-Analog Converter) used for converting digital audio data into analog signals.
- IC17 (TDA1244F):** Another DAC component, likely for stereo or multi-channel audio processing.
- IC18 (TDA1244F):** A third DAC component, possibly for additional audio channels or processing.

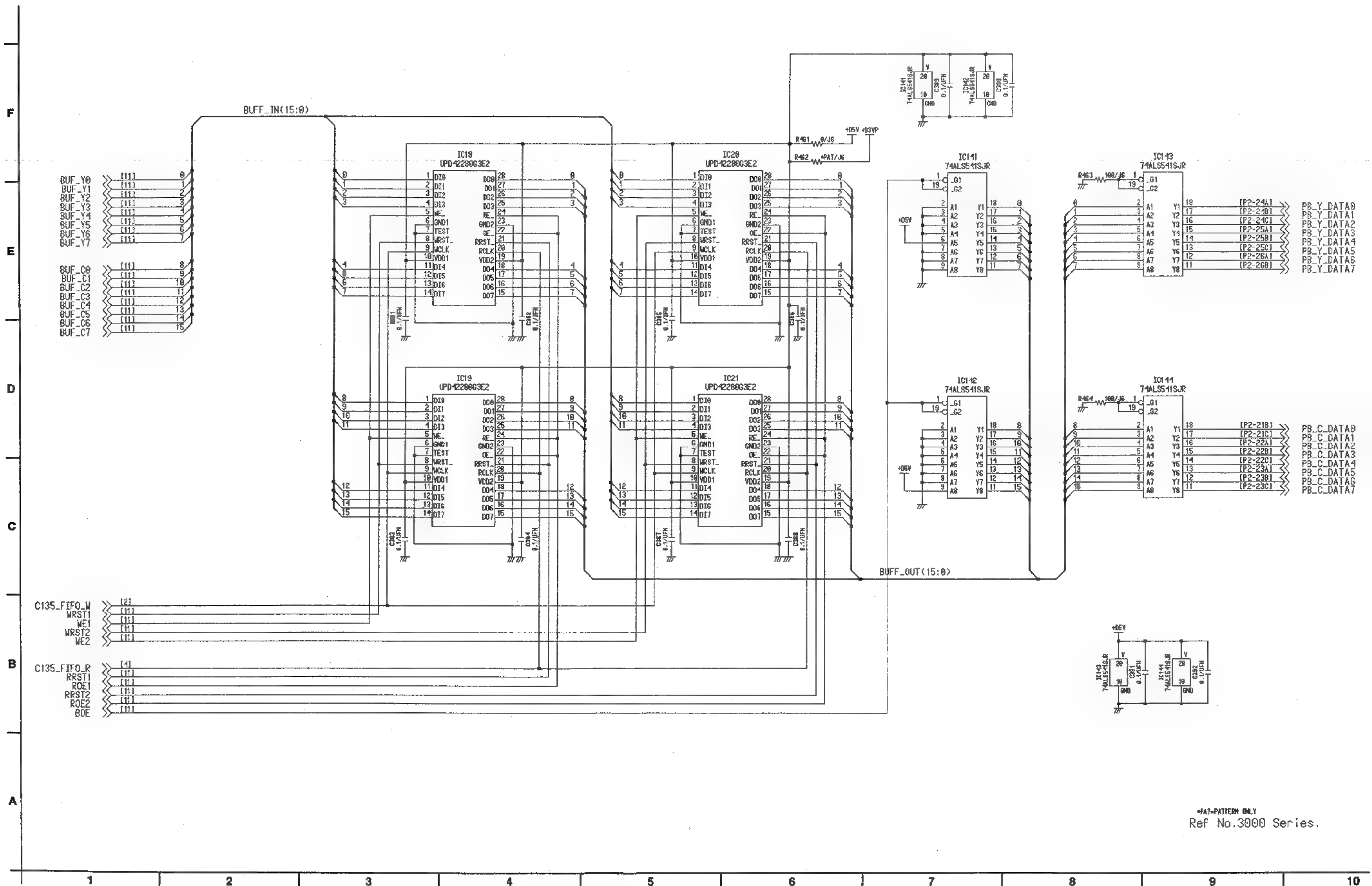
The diagram shows extensive signal routing between these components and external inputs/outputs, including:

- Inputs:** PB_FRP, PB_RST_AUDIO, TMS, TCK, TQ_PB_AUD, AUDIO_CLK_SEL, FS256, HD_PAL, HD_SHUF, PB_FRPSD, PB_C18_CMP, PB_PHEM, PB_REC, PB_BDFN, PB_BDF0, PB_BDF1, PB_BDF2, PB_BDF3, PB_BDF4, PB_BDF5, PB_BDF6, PB_BDF7, PB_BDF8, PB_BDF9, PB_BDF10, PB_BDF11, PB_BDF12, PB_BDF13, PB_BDF14, PB_BDF15, PB_BDF16, PB_BDF17, PB_BDF18, PB_BDF19, PB_BDF20, PB_BDF21, PB_BDF22, PB_BDF23, PB_BDF24, PB_BDF25, PB_BDF26, PB_BDF27, PB_BDF28, PB_BDF29, PB_BDF30, PB_BDF31, PB_BDF32, PB_BDF33, PB_BDF34, PB_BDF35, PB_BDF36, PB_BDF37, PB_BDF38, PB_BDF39, PB_BDF40, PB_BDF41, PB_BDF42, PB_BDF43, PB_BDF44, PB_BDF45, PB_BDF46, PB_BDF47, PB_BDF48, PB_BDF49, PB_BDF50, PB_BDF51, PB_BDF52, PB_BDF53, PB_BDF54, PB_BDF55, PB_BDF56, PB_BDF57, PB_BDF58, PB_BDF59, PB_BDF60, PB_BDF61, PB_BDF62, PB_BDF63, PB_BDF64, PB_BDF65, PB_BDF66, PB_BDF67, PB_BDF68, PB_BDF69, PB_BDF70, PB_BDF71, PB_BDF72, PB_BDF73, PB_BDF74, PB_BDF75, PB_BDF76, PB_BDF77, PB_BDF78, PB_BDF79, PB_BDF80, PB_BDF81, PB_BDF82, PB_BDF83, PB_BDF84, PB_BDF85, 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F5 REC PB 10/23 (PB SHUF) SCHEMATIC DIAGRAM

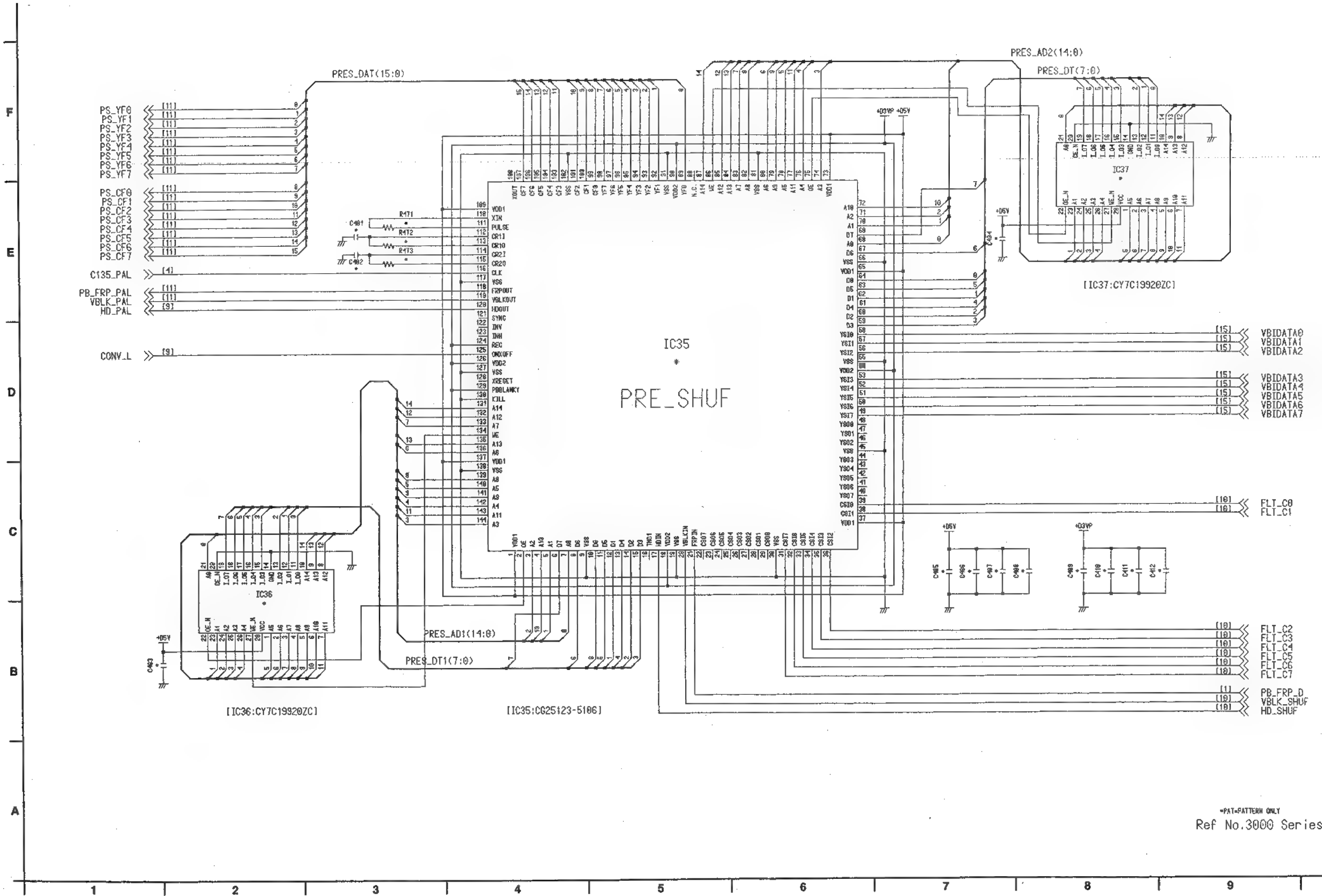


F5 REC PB 12/23 (OUT BUFF2) SCHEMATIC DIAGRAM

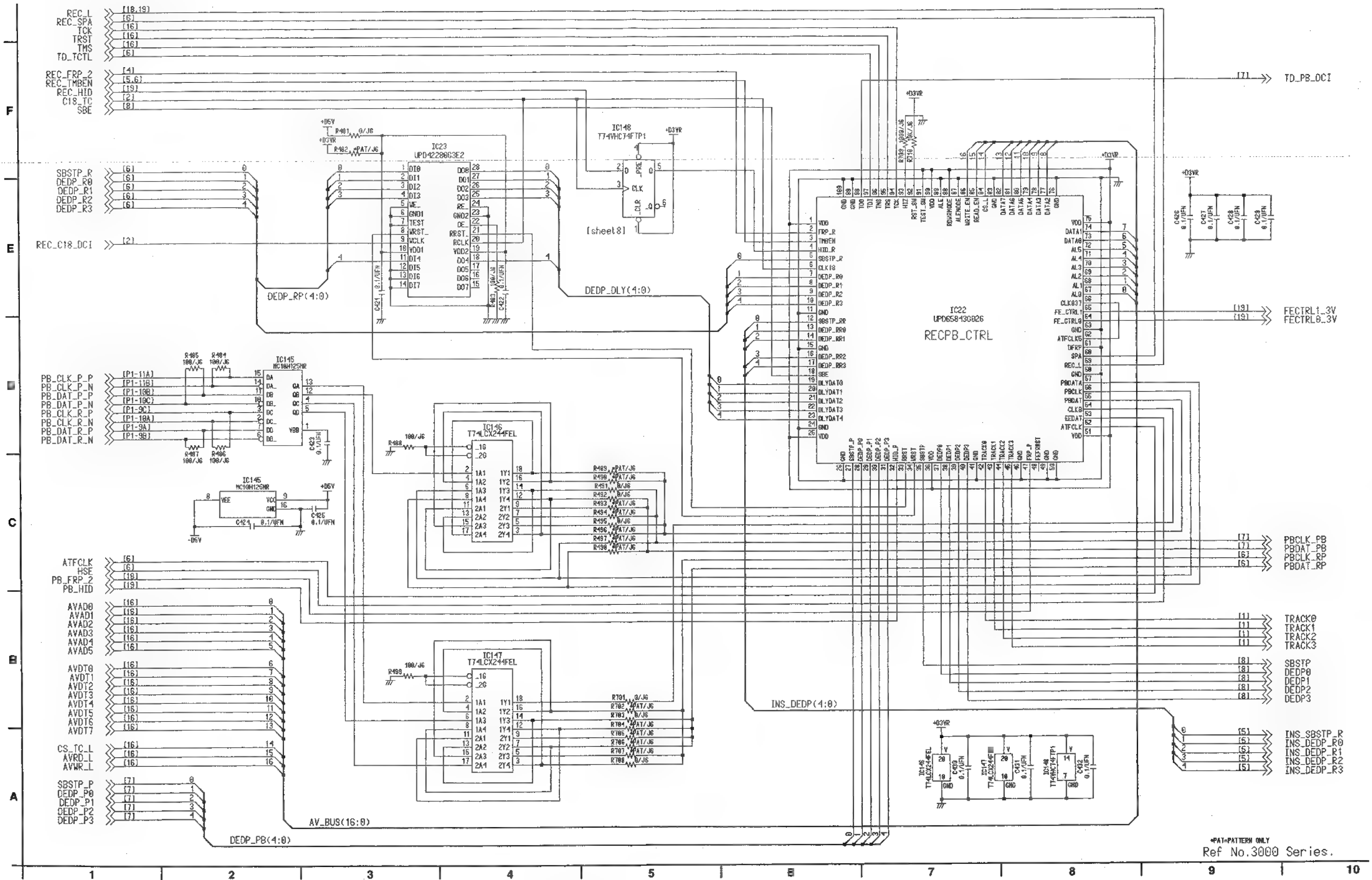


Ref No.3000 Series.

F5 REC PB 13/23 (PAL) SCHEMATIC DIAGRAM

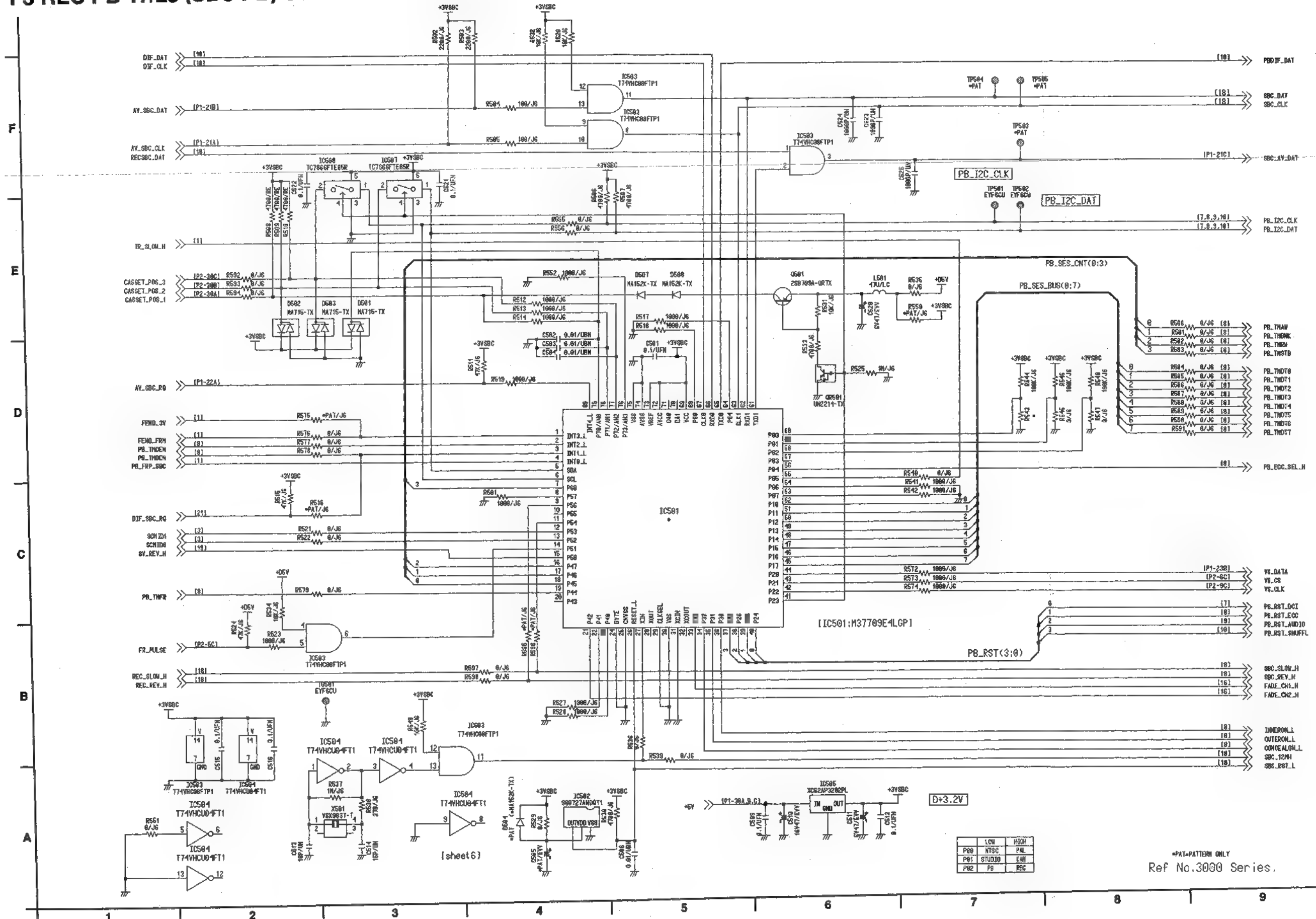


F5 REC PB 14/23 (REC PB CTRL) SCHEMATIC DIAGRAM

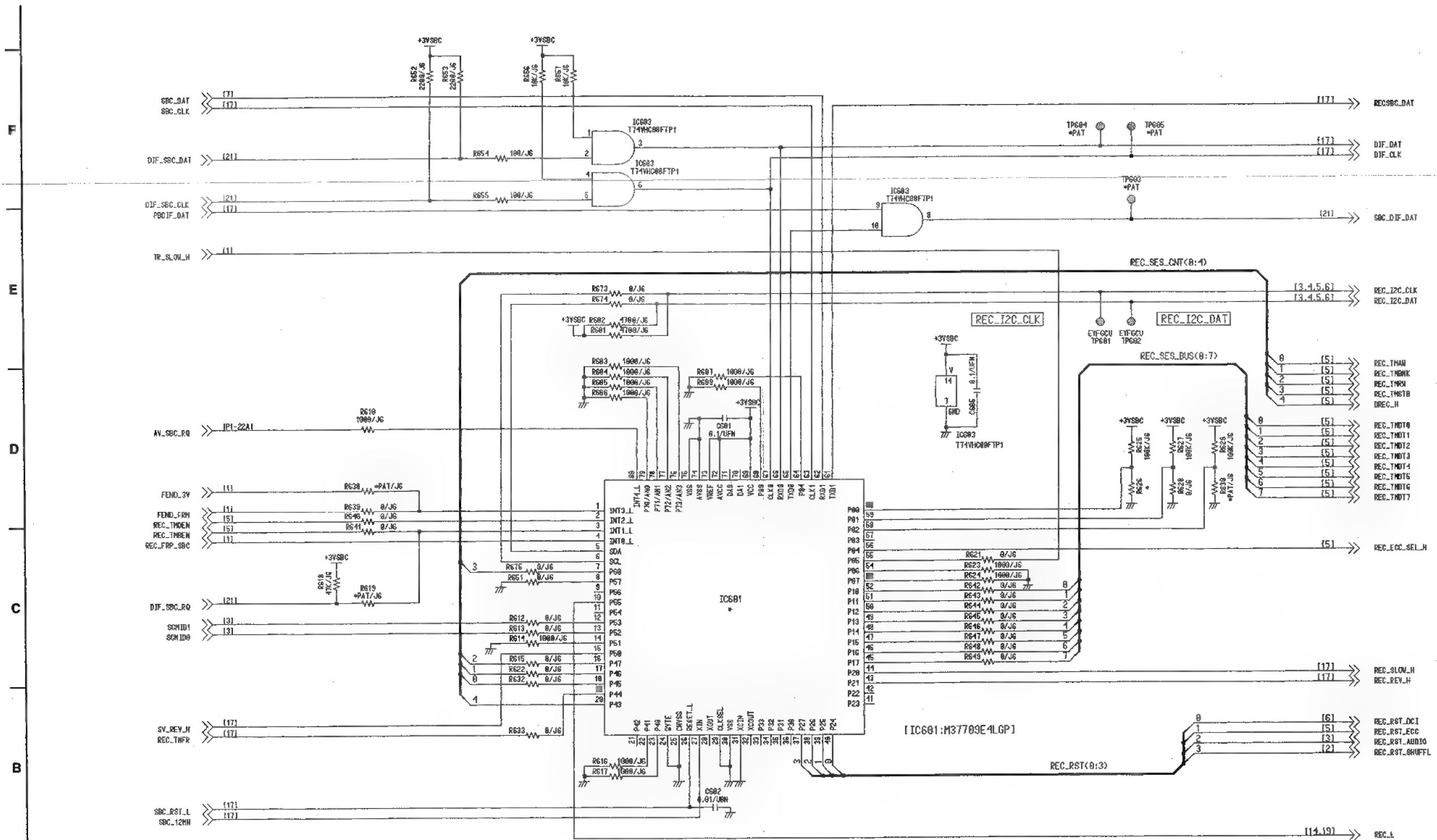


*PAT-PATTERN ONLY
Ref No.3000 Series.

F5 REC PB 17/23 (SBC PB) SCHEMATIC DIAGRAM

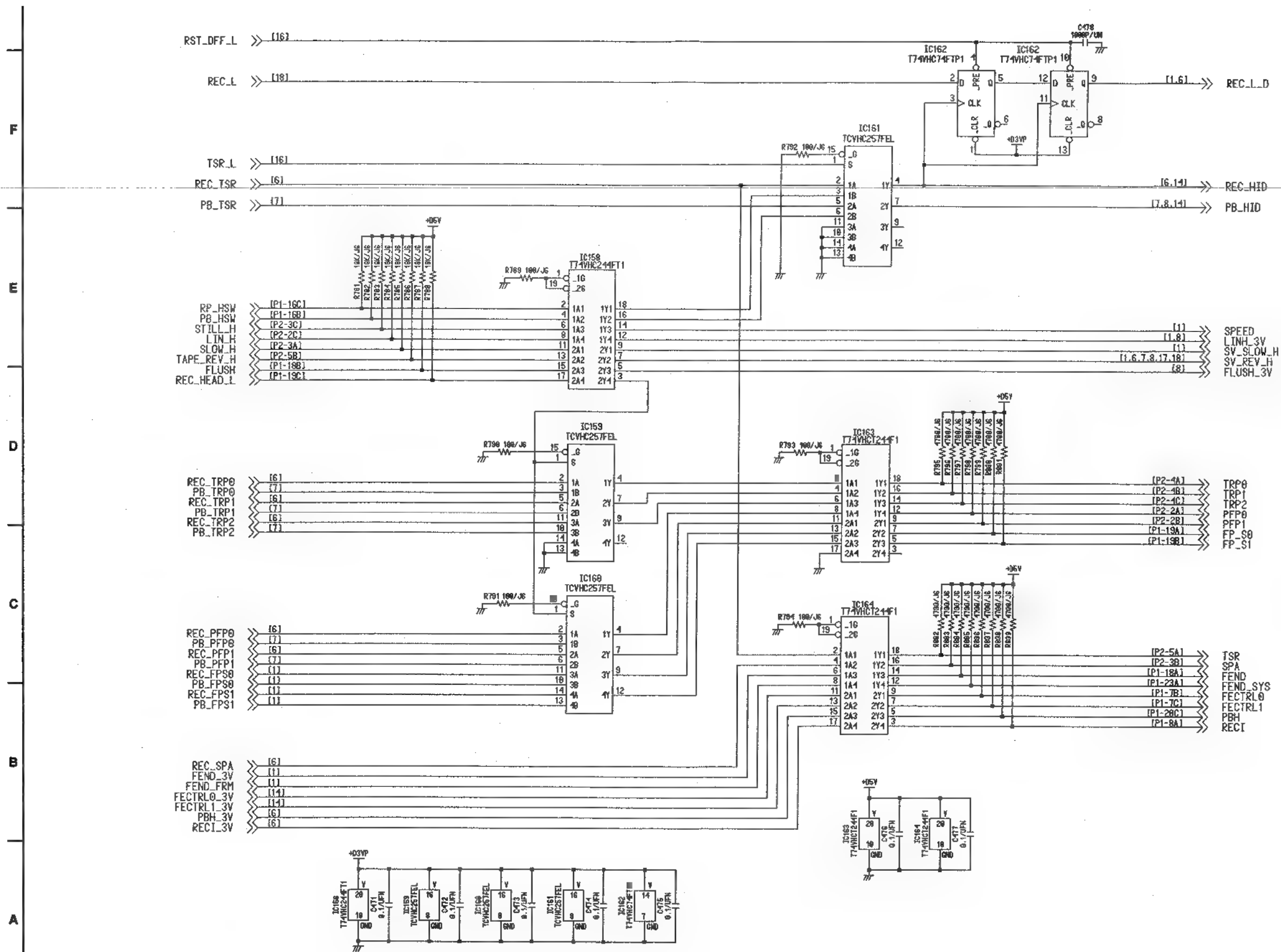


F5 REC PB 18/23 (SBC REC) SCHEMATIC DIAGRAM



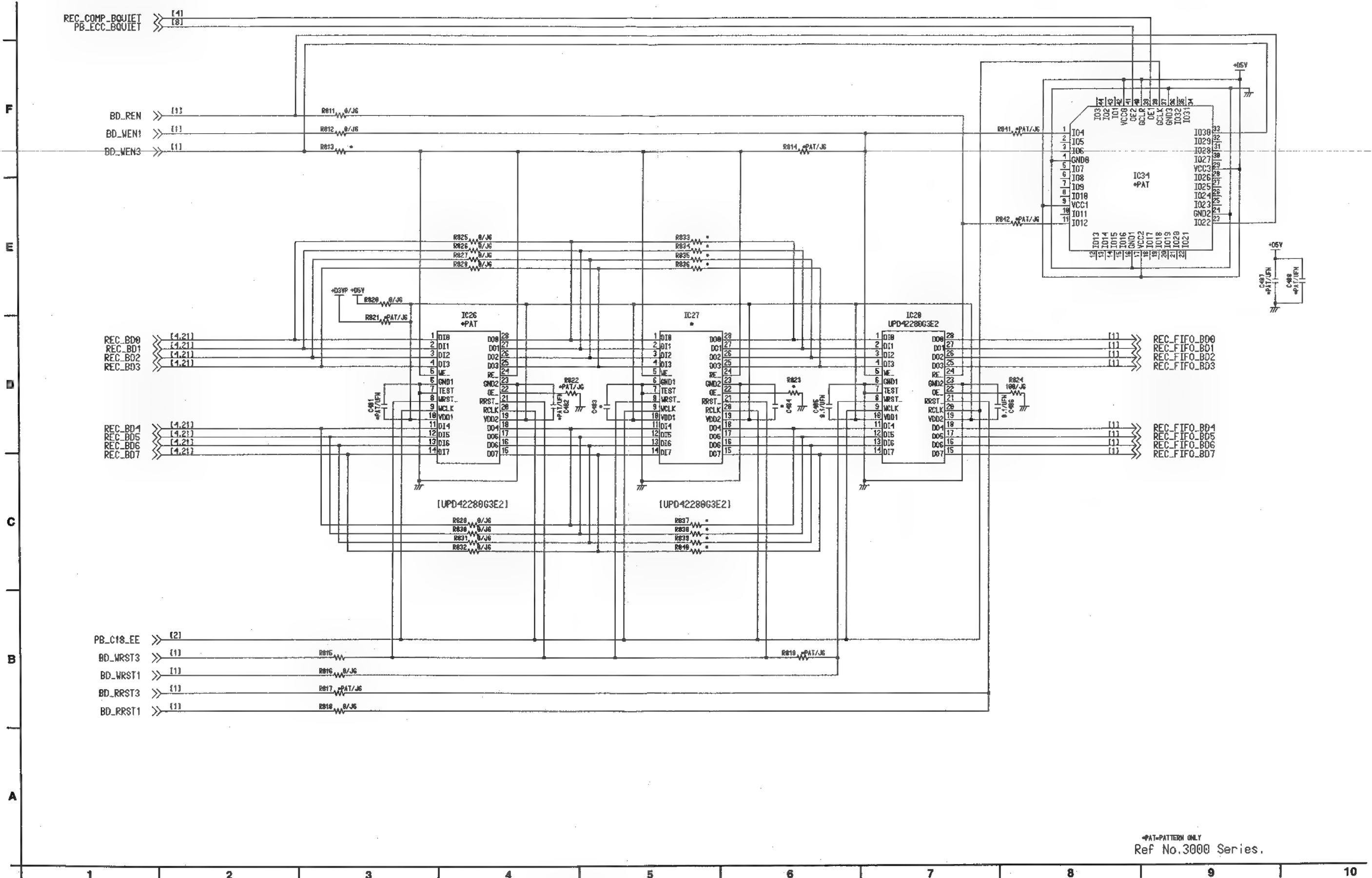
*PAT=PATTERN ONLY
Ref No.3000 Series.

F5 REC PB 19/23 (SERVO SEPA) SCHEMATIC DIAGRAM



*PAT= PATTERN ONLY
Ref No.3000 Series.

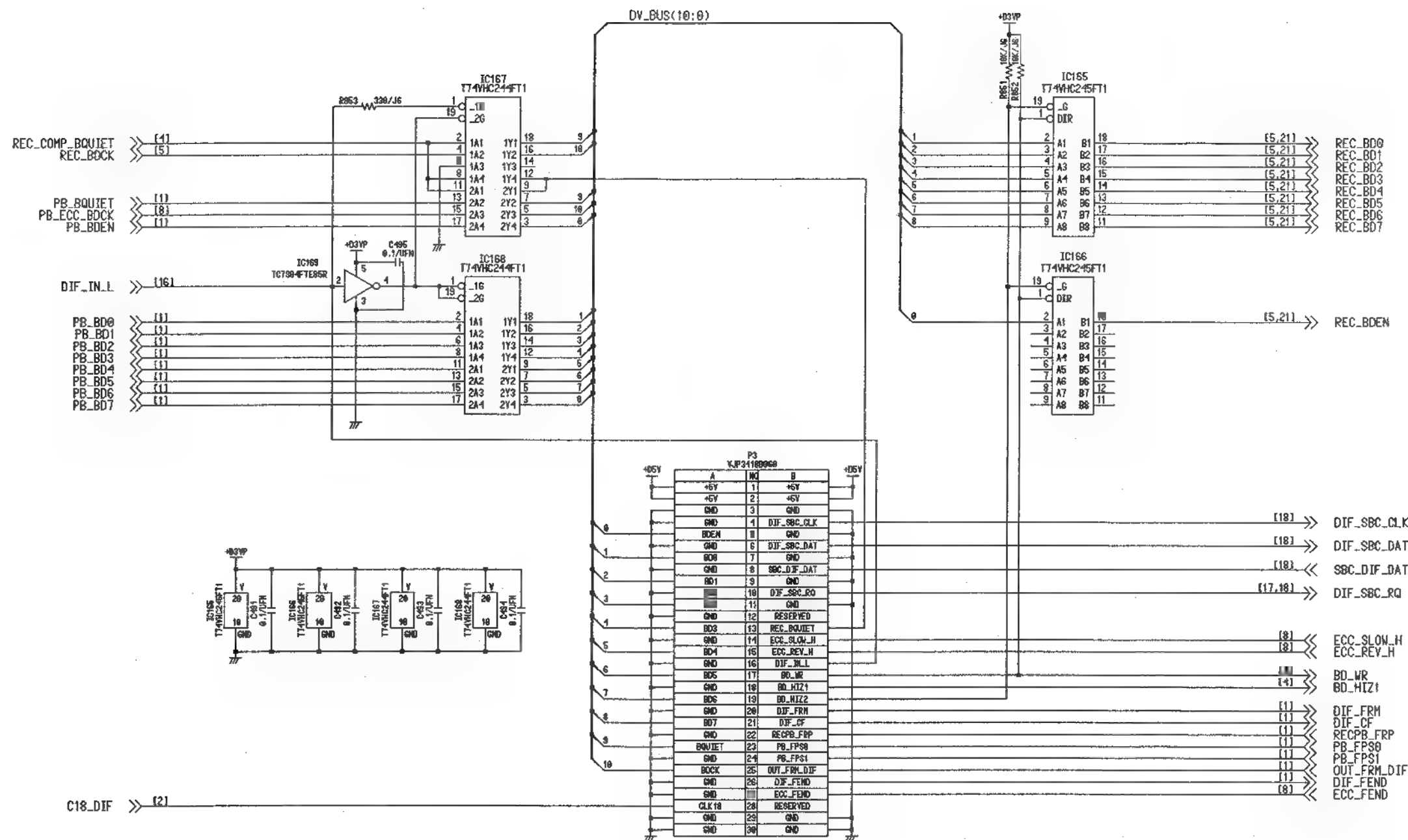
F5 REC PB 20/23 (DVC RETURN) SCHEMATIC DIAGRAM



*PAT=PATTERN ONLY
Ref No.3000 Series.

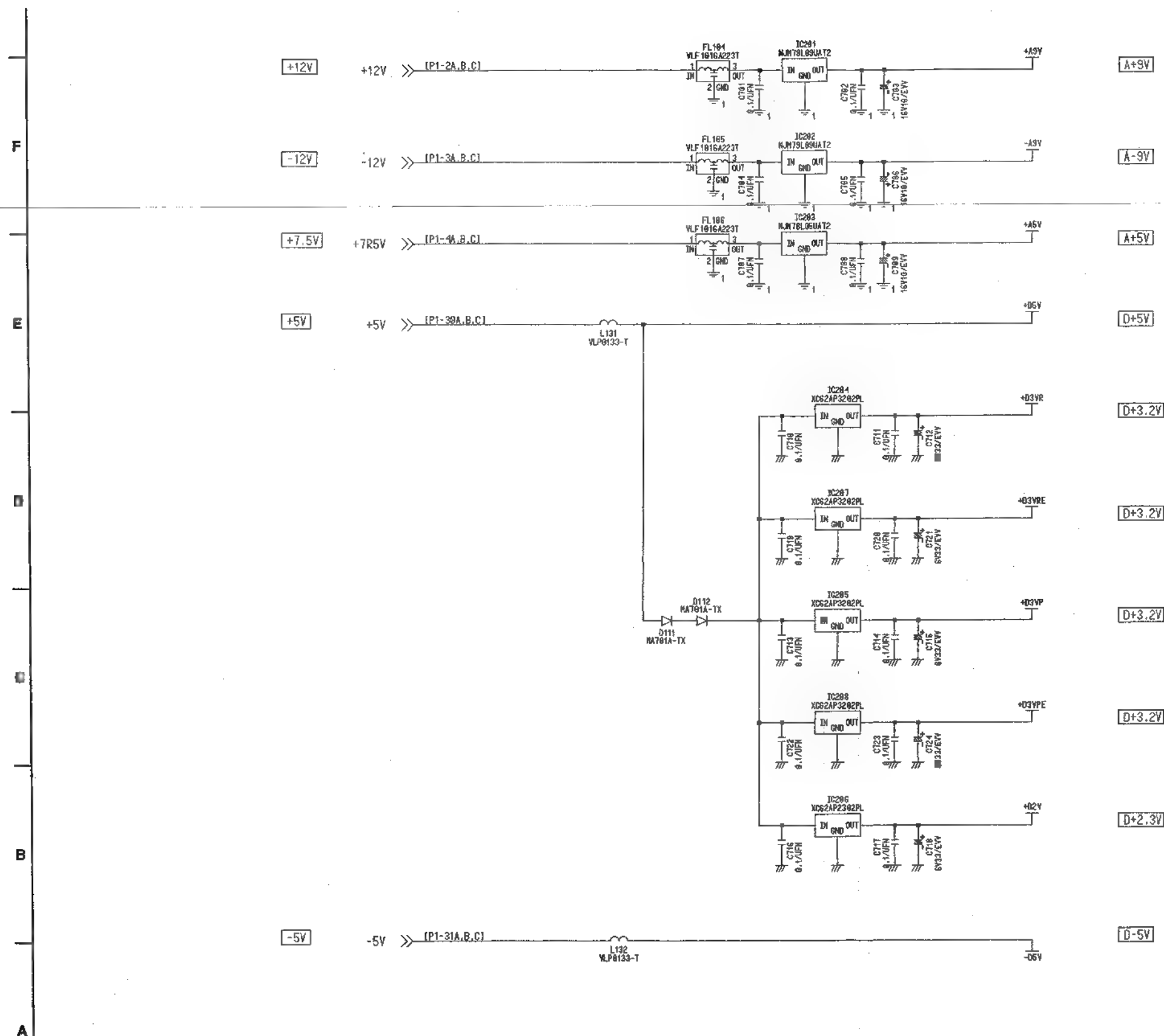
F5 REC PB 21/23 (DIF) SCHEMATIC DIAGRAM

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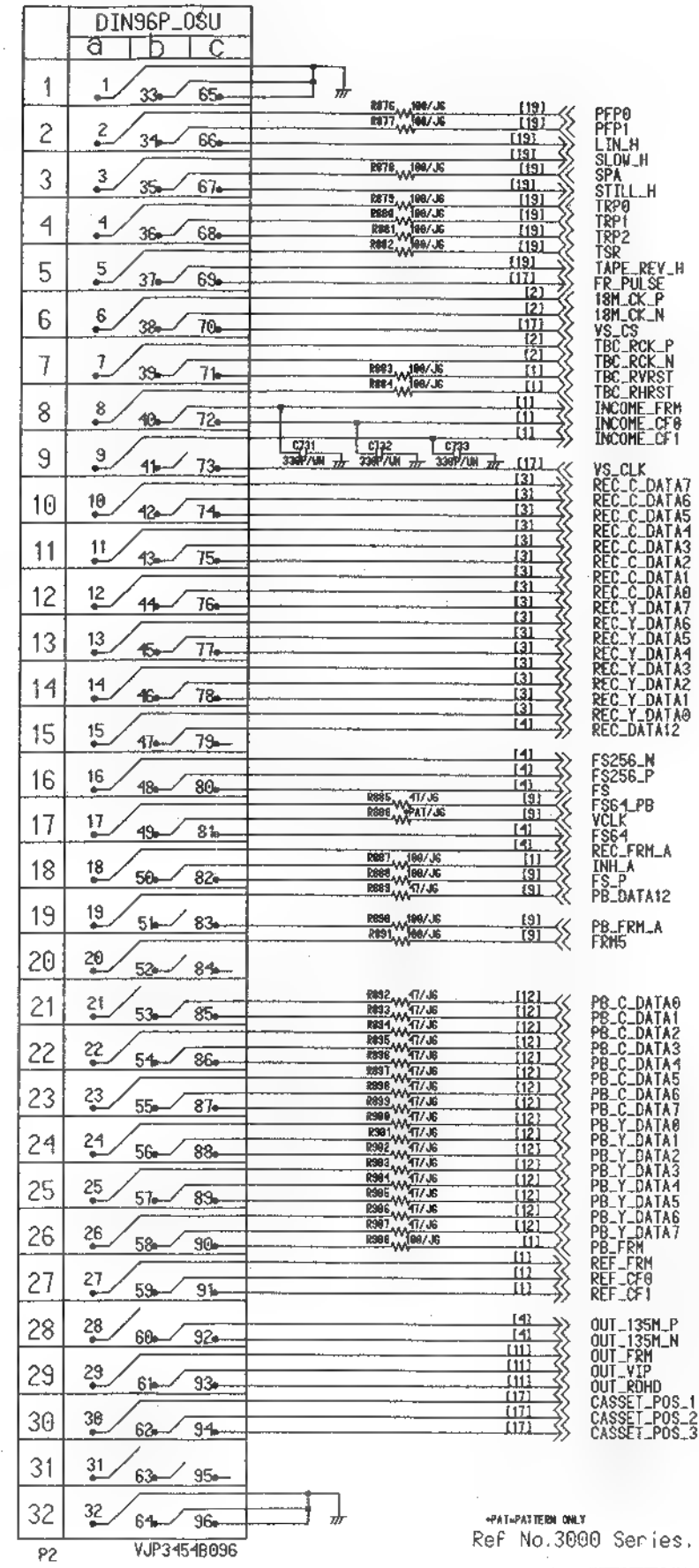
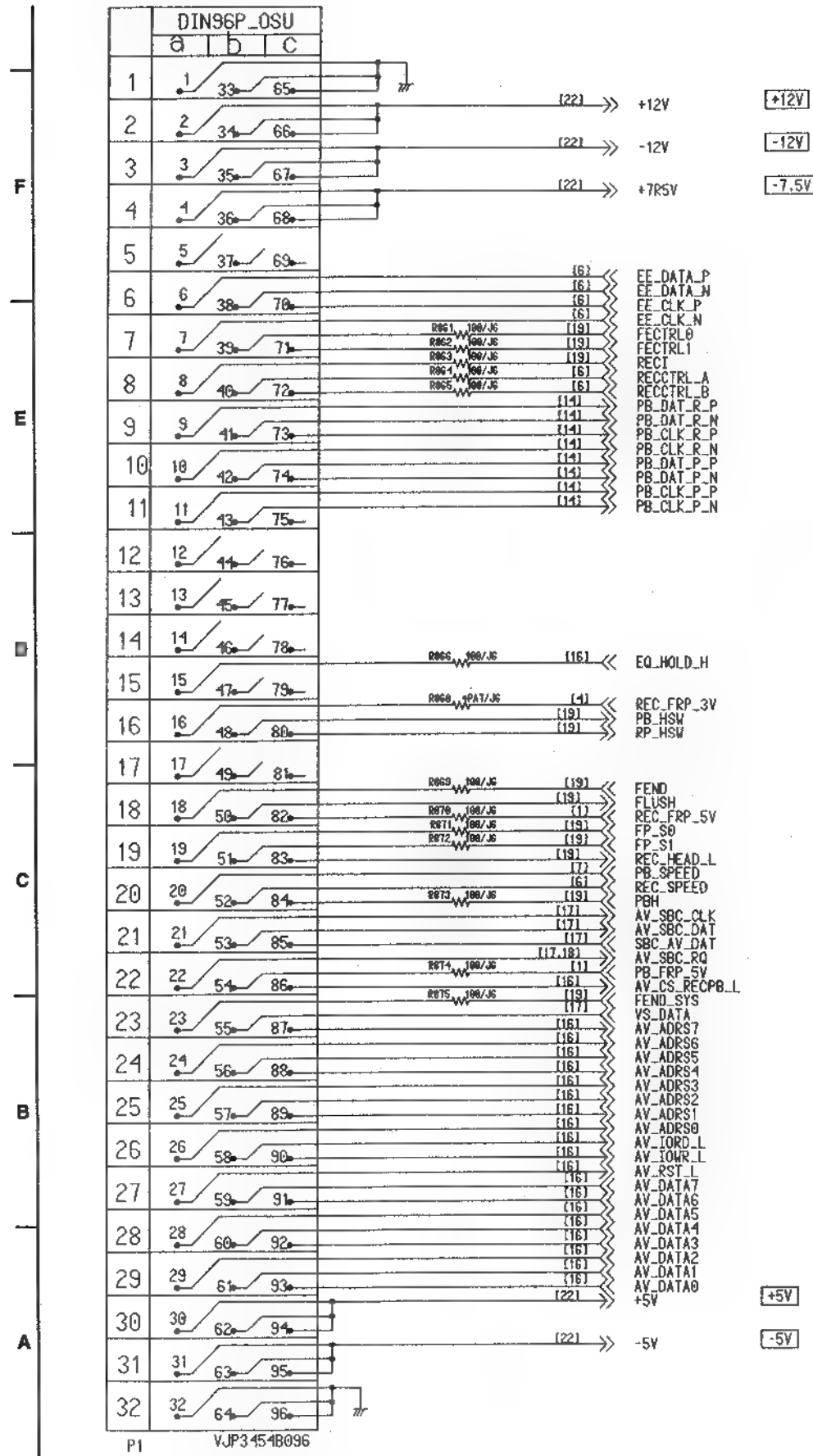
*PAT= PATTERN ONLY
Ref No.3000 Series.

F5 REC PB 22/23 (POWER) SCHEMATIC DIAGRAM



*PAT-PATTERN ONLY
Ref No.3000 Series.

F5 REC PB 23/23 (MOTHER) SCHEMATIC DIAGRAM AND COMPARISON CHART

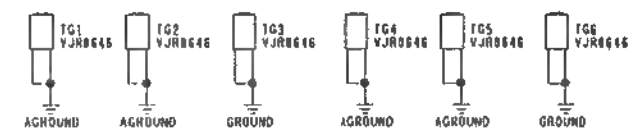
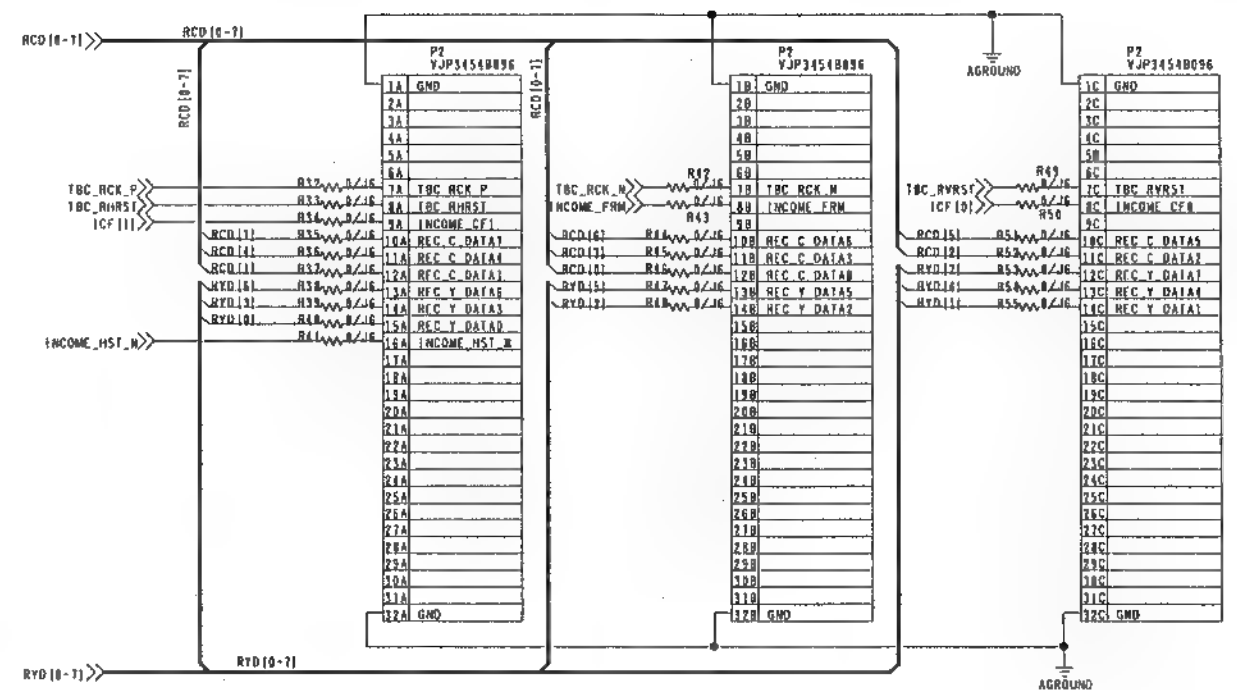


COMPARISON CHART

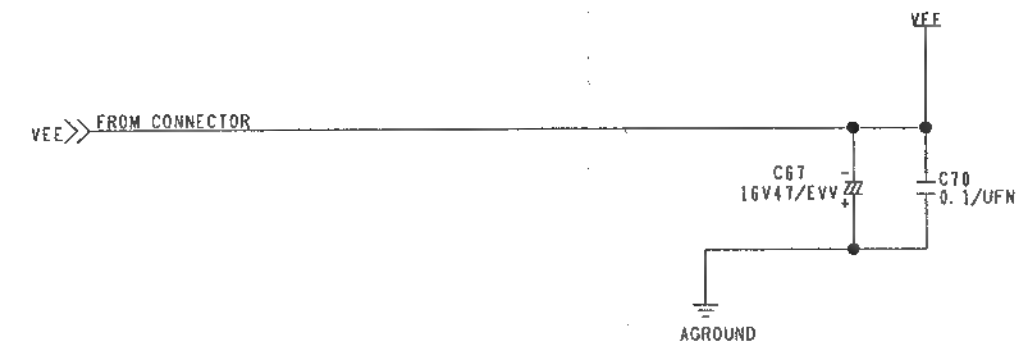
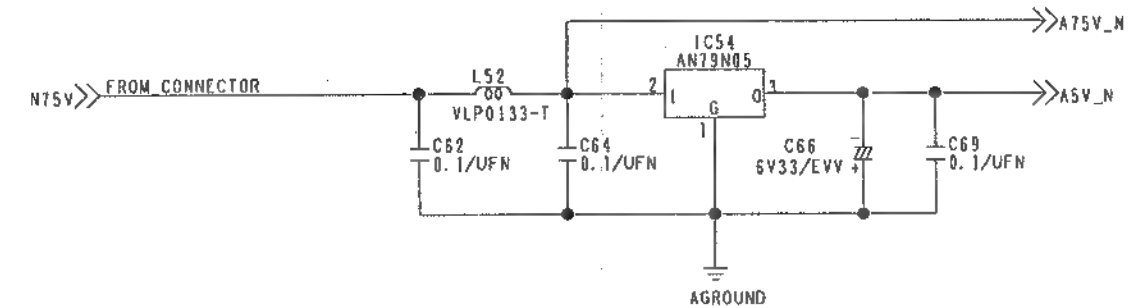
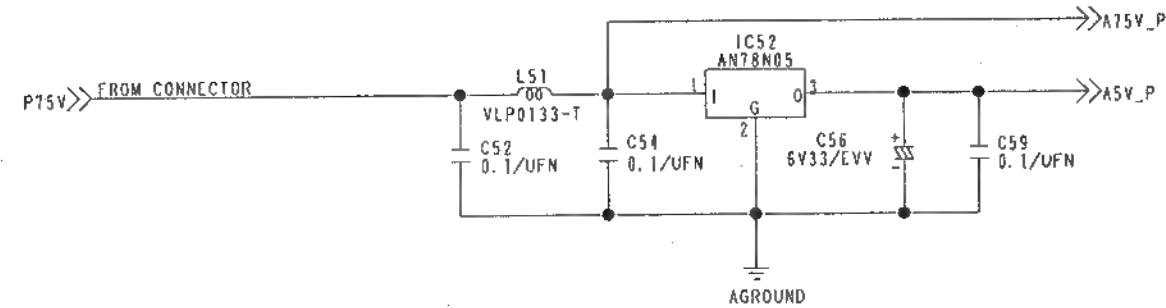
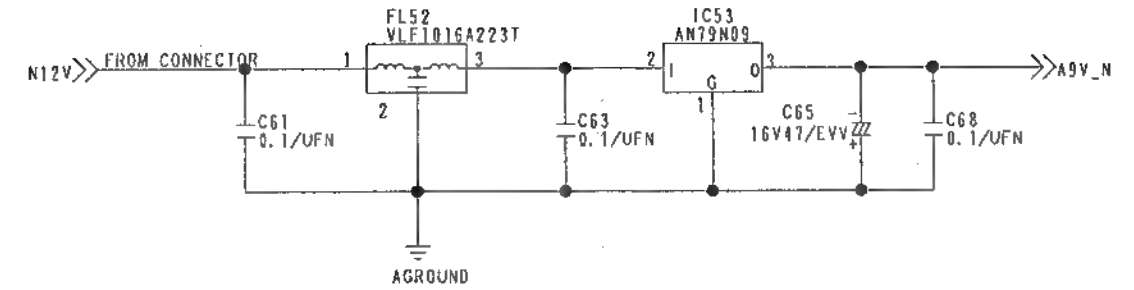
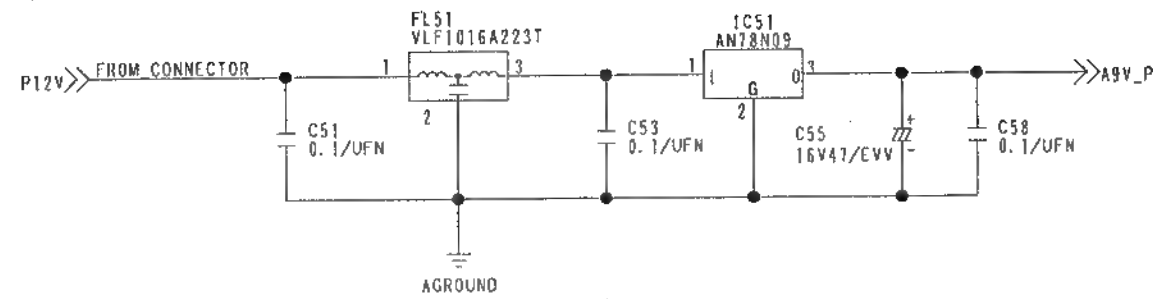
\$REFS	NTSC	PAL	\$REFS	NTSC	PAL
C109	*PAT/UFN	0.1/UFN	R425	*PAT/J6	1000/J6
C363	*PAT/UFN	0.1/UFN	R426	*PAT/J6	1000/J6
C364	*PAT/UFN	0.1/UFN	R427	*PAT/J6	1000/J6
C365	*PAT/UFN	0.1/UFN	R428	*PAT/J6	10K/J6
C366	*PAT/UFN	0.1/UFN	R429	*PAT/J6	1000/J6
C371	*PAT/UFN	0.1/UFN	R430	*PAT/J6	1000/J6
C401	*PAT/UN	33P/UN	R431	*PAT/J6	1000/J6
C402	*PAT/UN	15P/UN	R432	0/J6	*PAT/J6
C403	*PAT/UFN	0.1/UFN	R433	0/J6	*PAT/J6
C404	*PAT/UFN	0.1/UFN	R438	0/J6	*PAT/J6
C405	*PAT/UFN	0.1/UFN	R439	0/J6	*PAT/J6
C406	*PAT/UFN	0.1/UFN	R440	0/J6	*PAT/J6
C407	*PAT/UFN	0.1/UFN	R441	0/J6	*PAT/J6
C408	*PAT/UFN	0.1/UFN	R442	0/J6	*PAT/J6
C409	*PAT/UFN	0.1/UFN	R443	0/J6	*PAT/J6
C410	*PAT/UFN	0.1/UFN	R444	0/J6	*PAT/J6
C411	*PAT/UFN	0.1/UFN	R445	0/J6	*PAT/J6
C412	*PAT/UFN	0.1/UFN	R446	0/J6	*PAT/J6
C483	*PAT/UFN	0.1/UFN	R447	0/J6	*PAT/J6
C484	*PAT/UFN	0.1/UFN	R448	0/J6	*PAT/J6
IC137	*PAT	TCVHC164FEL	R449	0/J6	*PAT/J6
IC138	*PAT	T74VHC74FTP1	R450	0/J6	*PAT/J6
IC139	*PAT	TCVHC02FEL	R451	0/J6	*PAT/J6
IC140	*PAT	TC7S00FTE85R	R452	0/J6	*PAT/J6
IC171	*PAT	TC7S04FTE85R	R453	0/J6	*PAT/J6
IC172	*PAT	TC7S32FTE85R	R454	*PAT/J6	10K/J6
IC17	MN4706F	MN4707F	R455	1000/J6	*PAT/J6
IC27	*PAT	UPD42280G3E2	R471	*PAT/J6	0/J6
IC35	*PAT	CG25123-5106	R472	*PAT/J6	270/J6
IC36	*PAT	CY7C19920ZC	R473	*PAT/J6	100/J6
IC37	*PAT	CY7C19920ZC	R543	0/J6	*PAT/J6
IC4	MN4706F	MN4707F	R626	0/J6	*PAT/J6
IC501	VSI2159B	VSI2282	R813	*PAT/J6	0/J6
IC601	VSI2159B	VSI2282	R815	*PAT/J6	0/J6
R119	*PAT/J6	10K/J6	R823	*PAT/J6	100/J6
R120	1000/J6	*PAT/J6	R833	0/J6	*PAT/J6
R121	*PAT/J6	0/J6	R834	0/J6	*PAT/J6
R122	0/J6	*PAT/J6	R835	0/J6	*PAT/J6
R381	0/J6	*PAT/J6	R836	0/J6	*PAT/J6
R421	47/J6	*PAT/J6	R837	0/J6	*PAT/J6
R422	*PAT/J6	0/J6	R838	0/J6	*PAT/J6
R423	1000/J6	*PAT/J6	R839	0/J6	*PAT/J6
R424	*PAT/J6	1000/J6	R840	0/J6	*PAT/J6

*PAT=PARTIAL ONLY
Ref No.3000 Series.

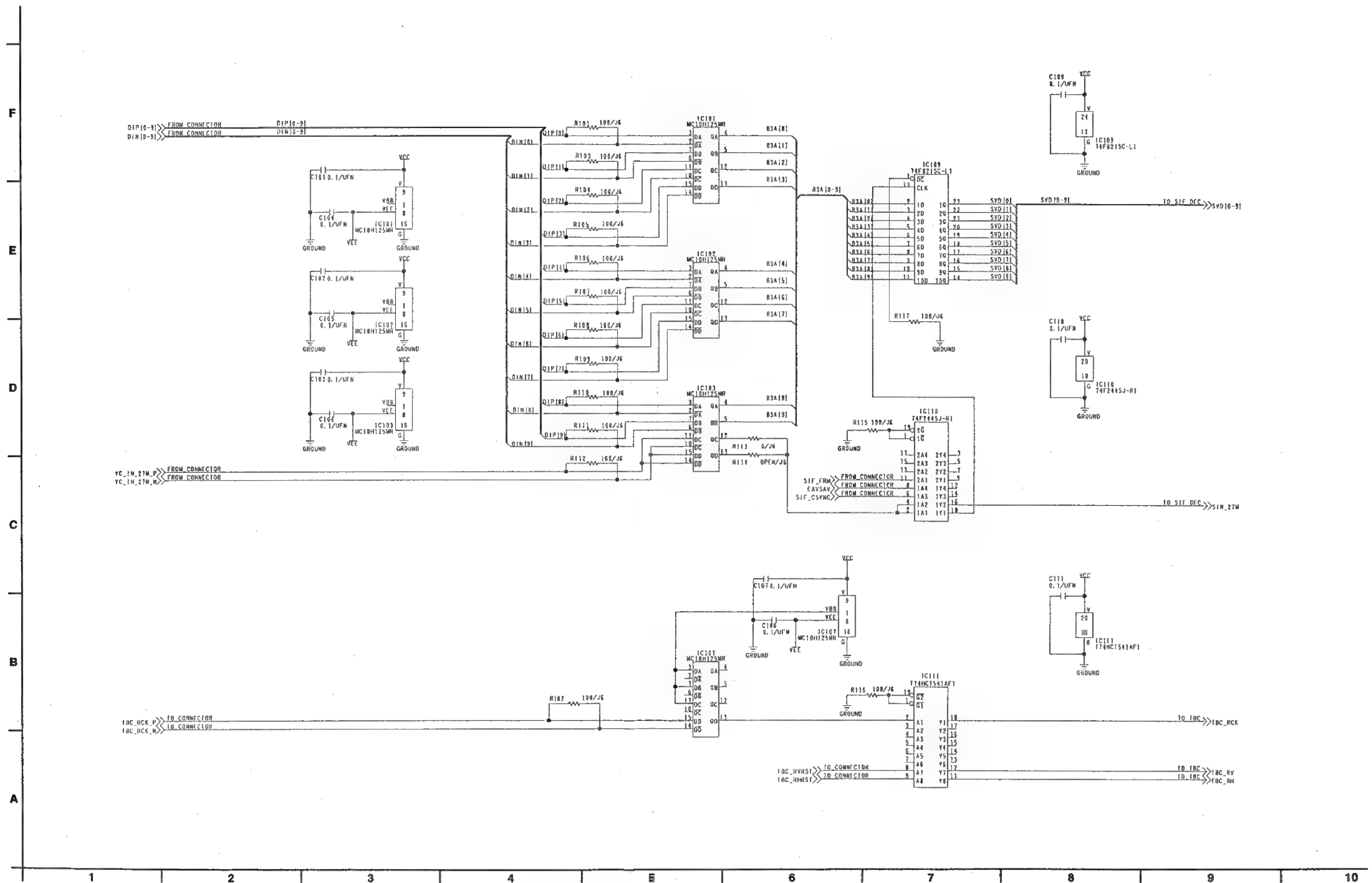
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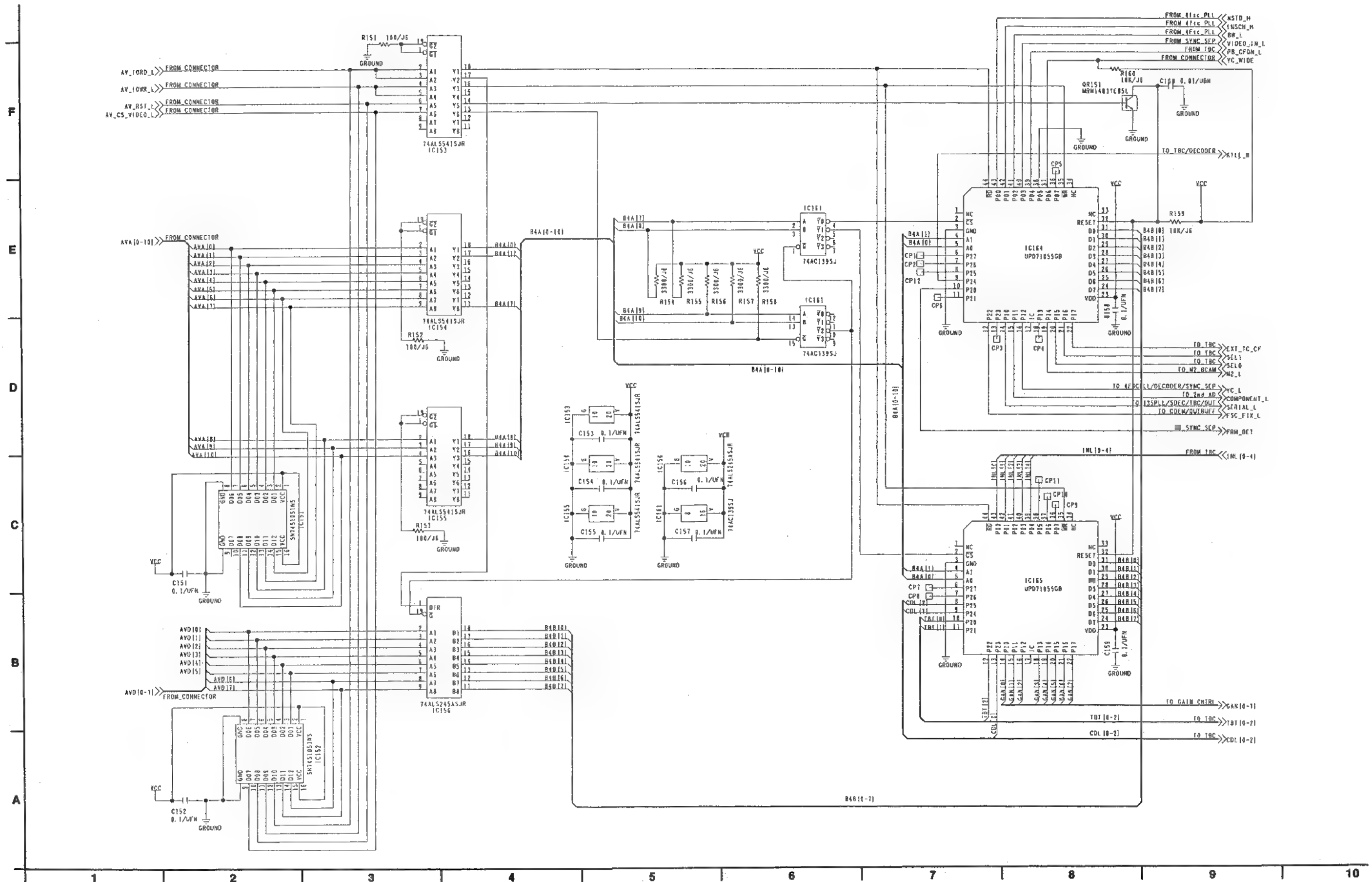
F6 V IN 2/18 (POWER) SCHEMATIC DIAGRAM



F6 V IN 3/18 (IN BUFF) SCHEMATIC DIAGRAM



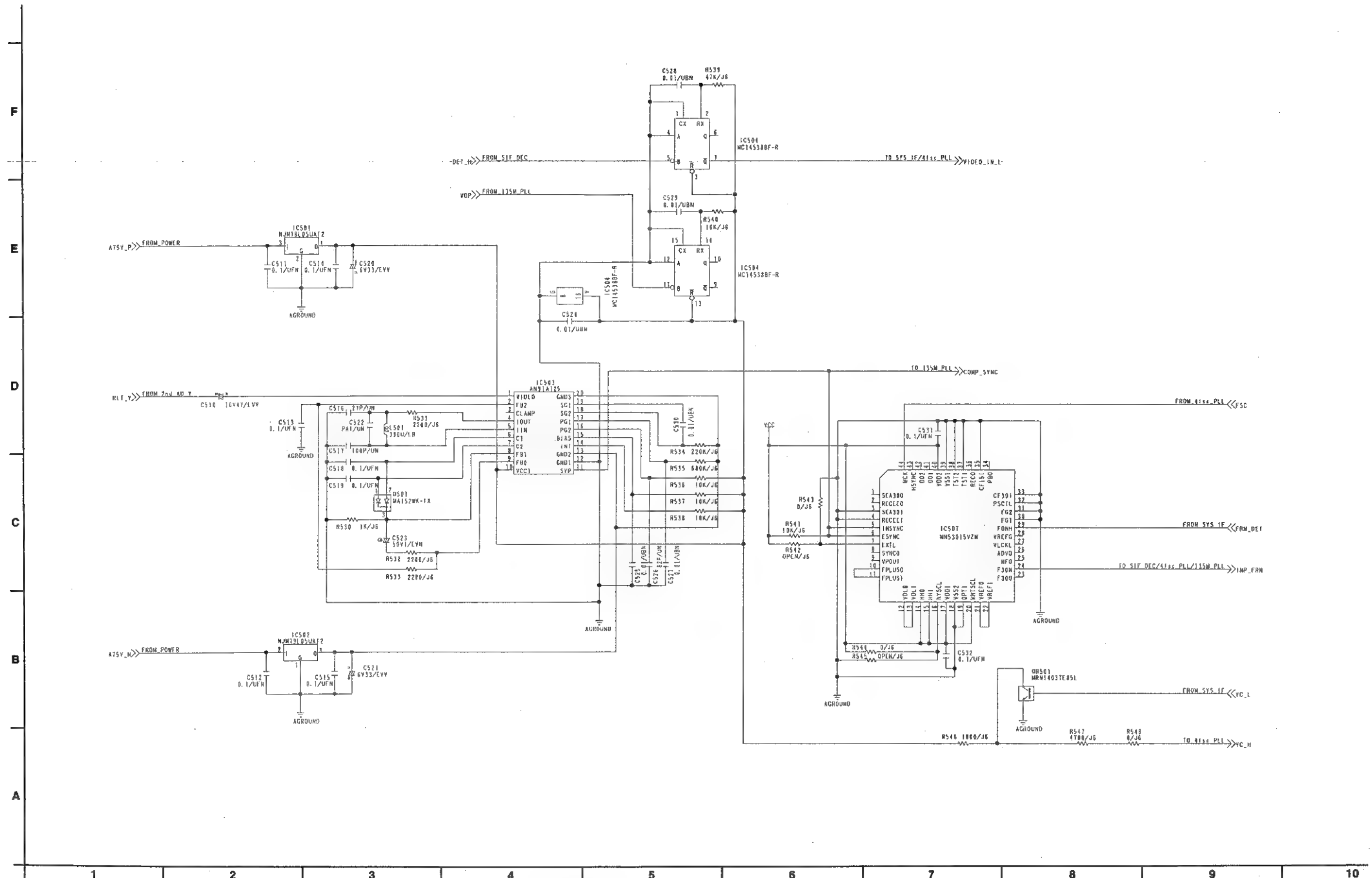
F6 V IN 4/18 (SYS IF) SCHEMATIC DIAGRAM



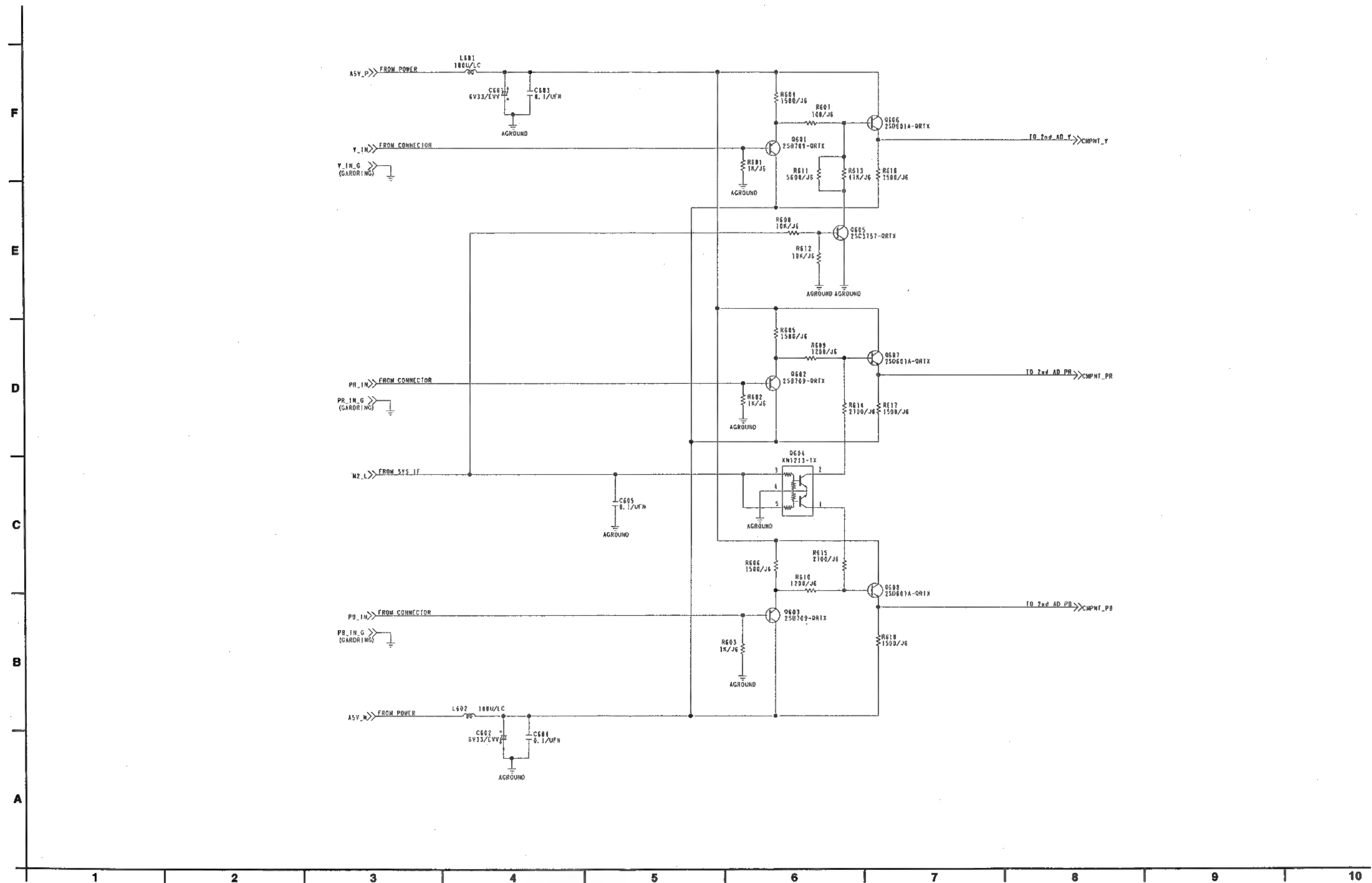
4



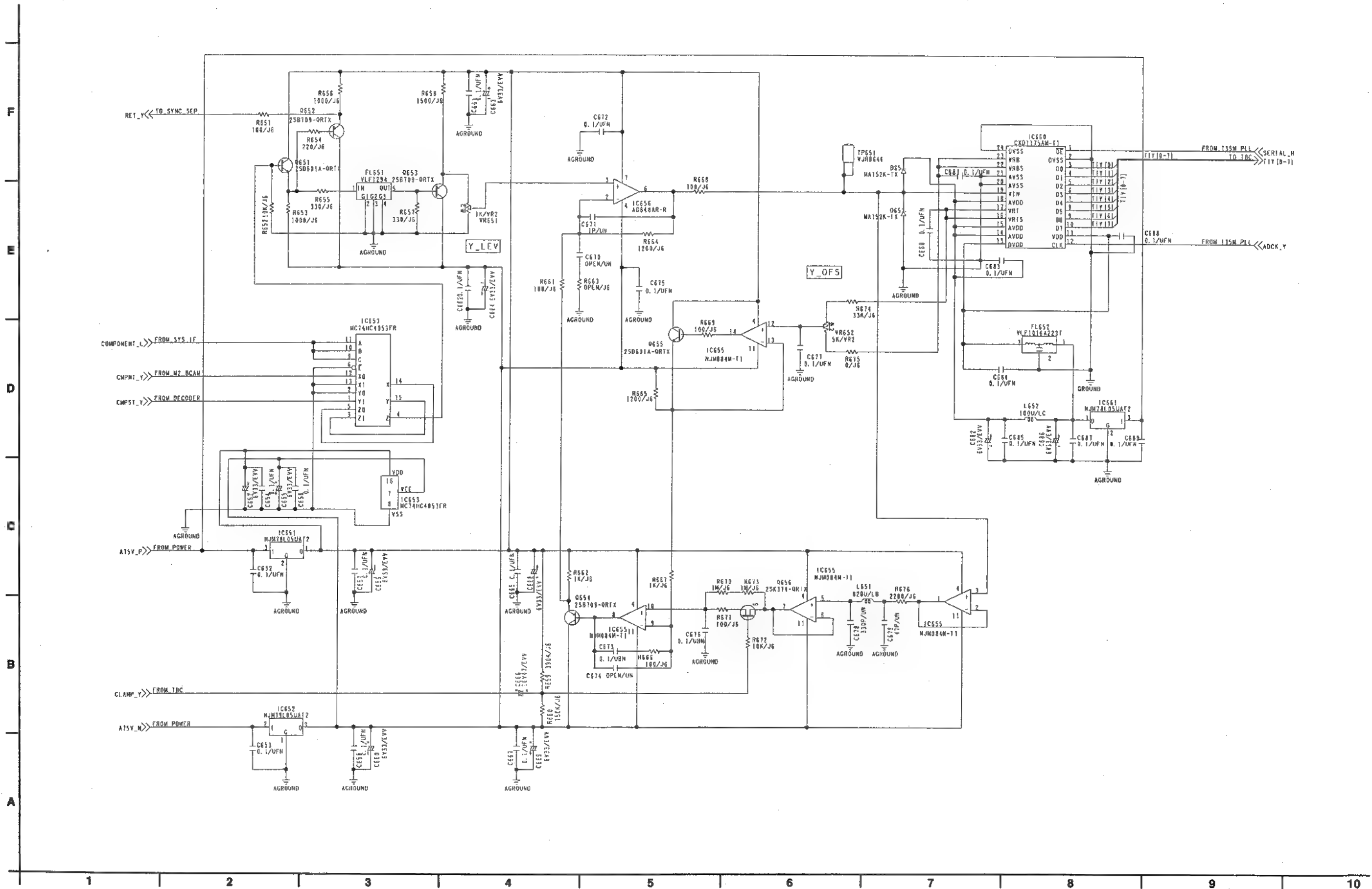
F6 V IN 11/18 (SYNC SEP) SCHEMATIC DIAGRAM



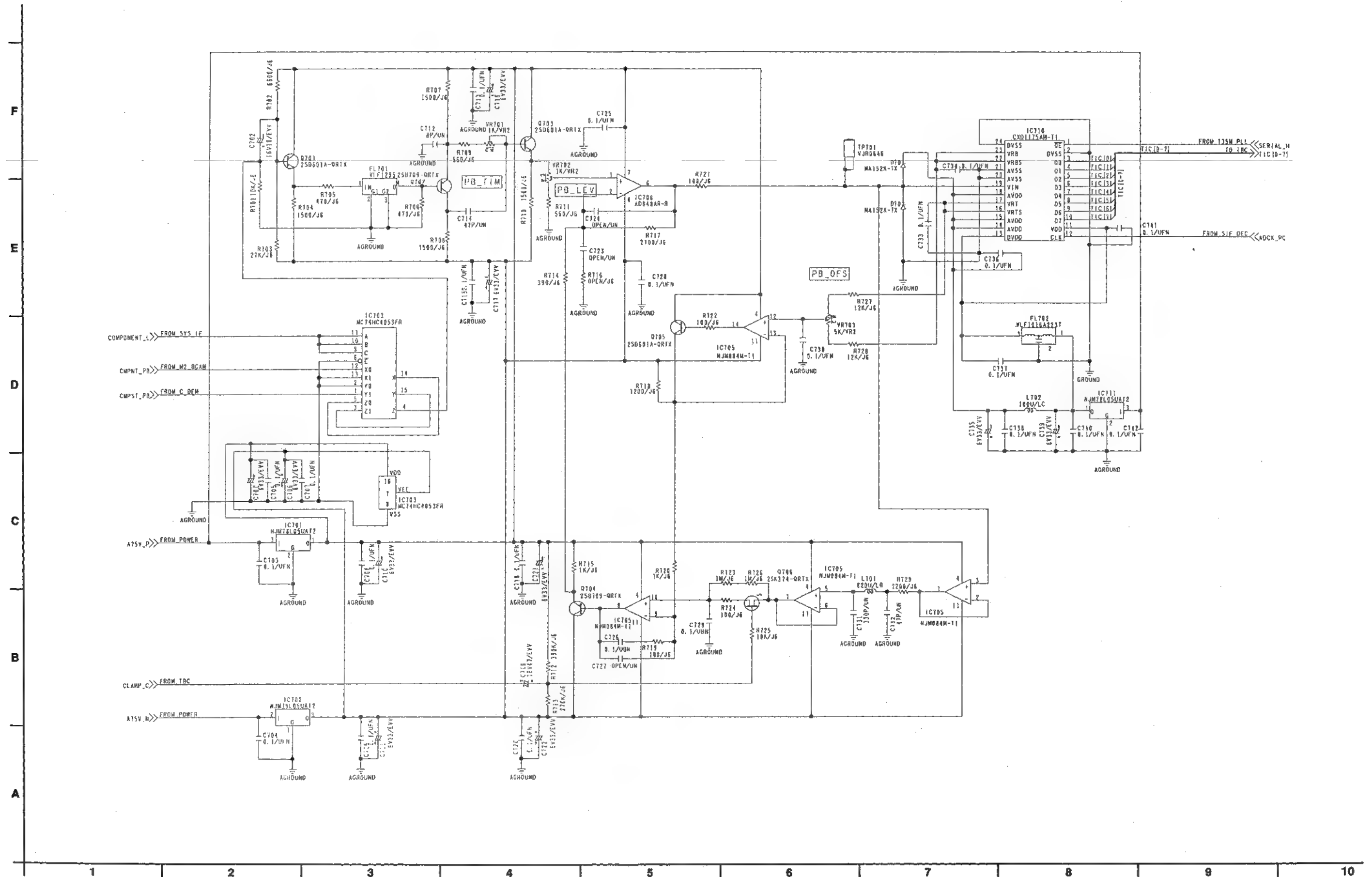
F6 V IN 13/18 (M2 BCAM SELECT) SCHEMATIC DIAGRAM



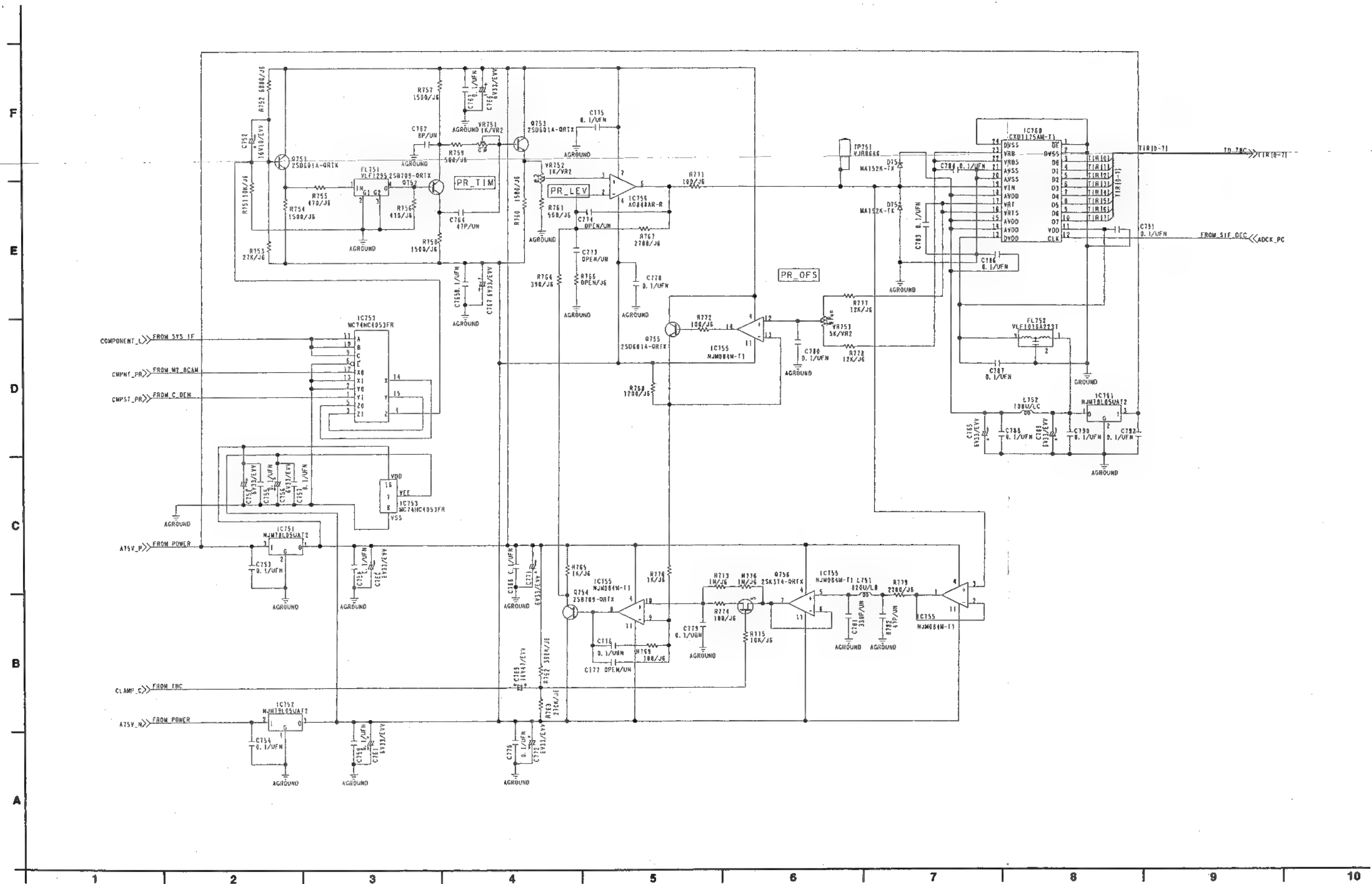
F6 V IN 14/18 (2nd AD Y) SCHEMATIC DIAGRAM



F6 V IN 15/18 (2nd AD PB) SCHEMATIC DIAGRAM



F6 V IN 16/18 (2nd AD PR) SCHEMATIC DIAGRAM



F

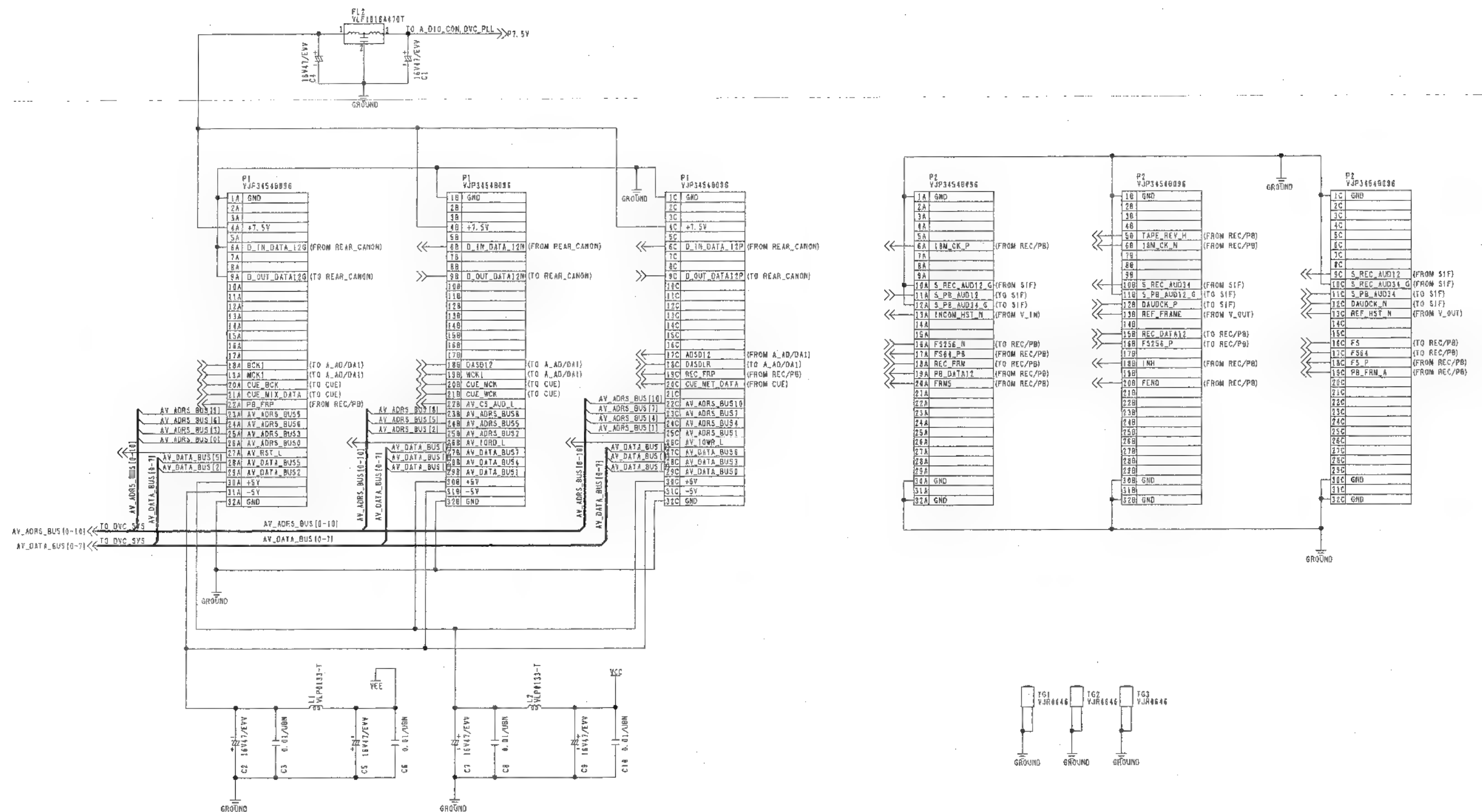
D

c

E

8

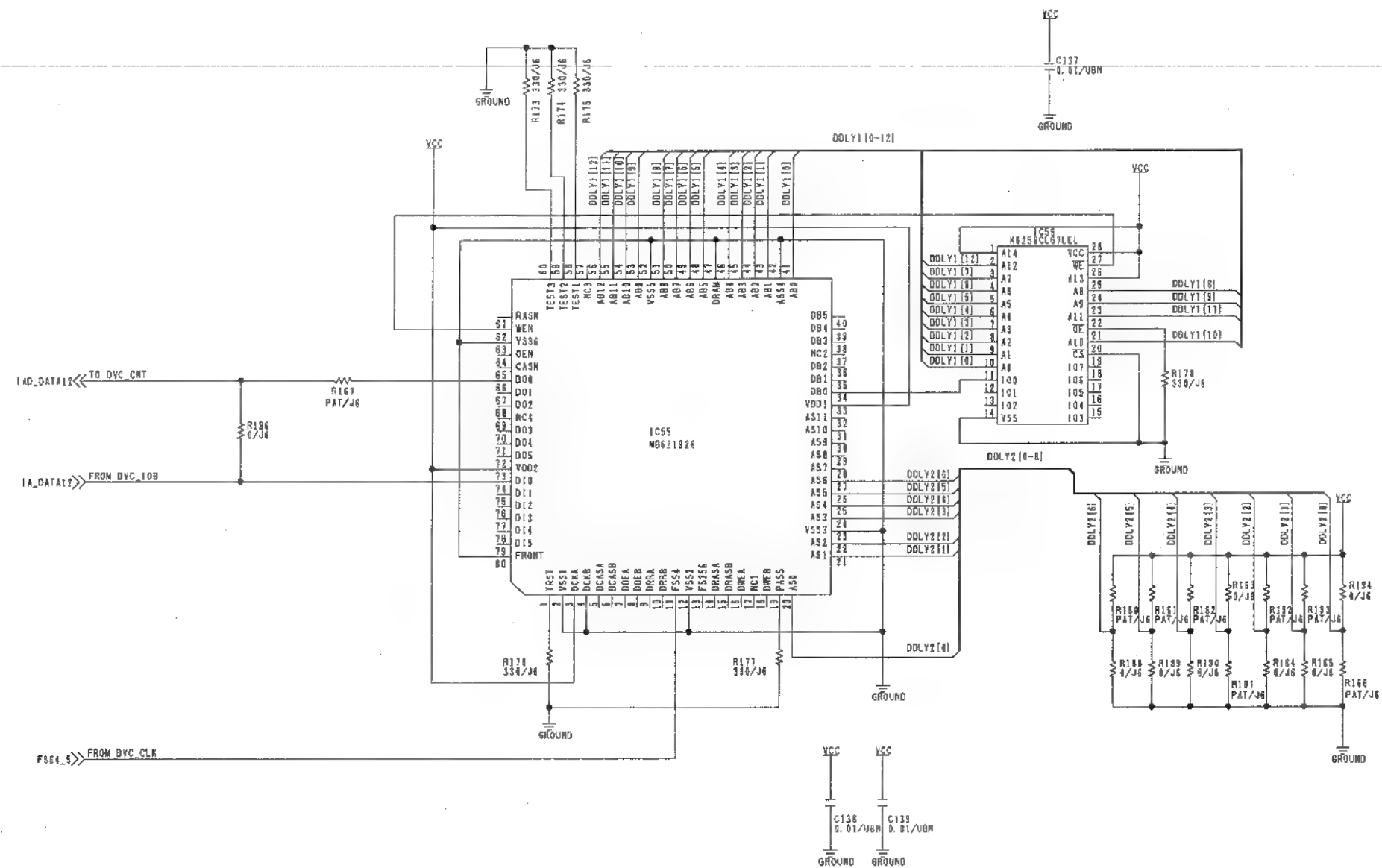
F7 A PROC 1/13 (CONNECTOR) SCHEMATIC DIAGRAM



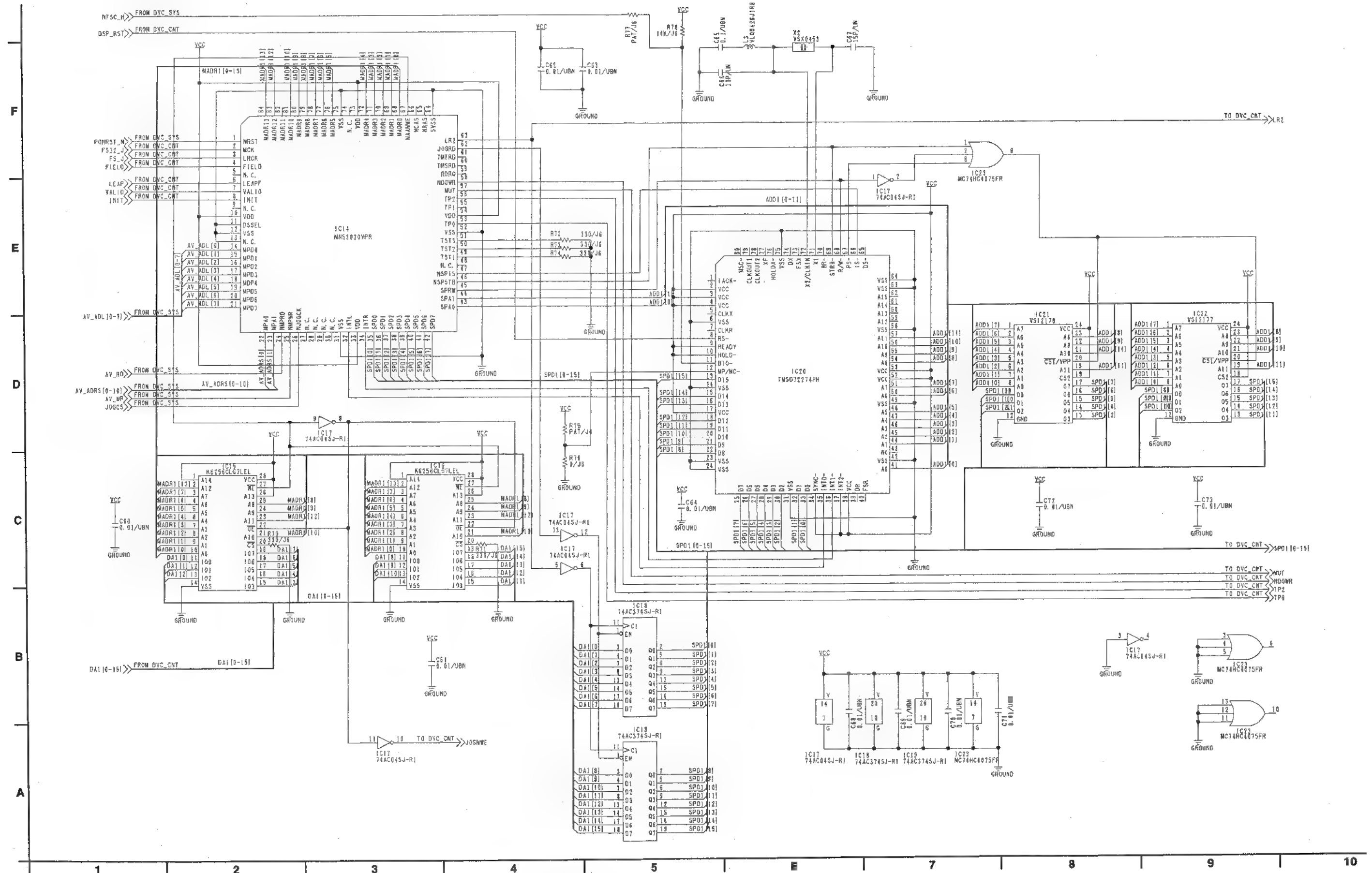
F



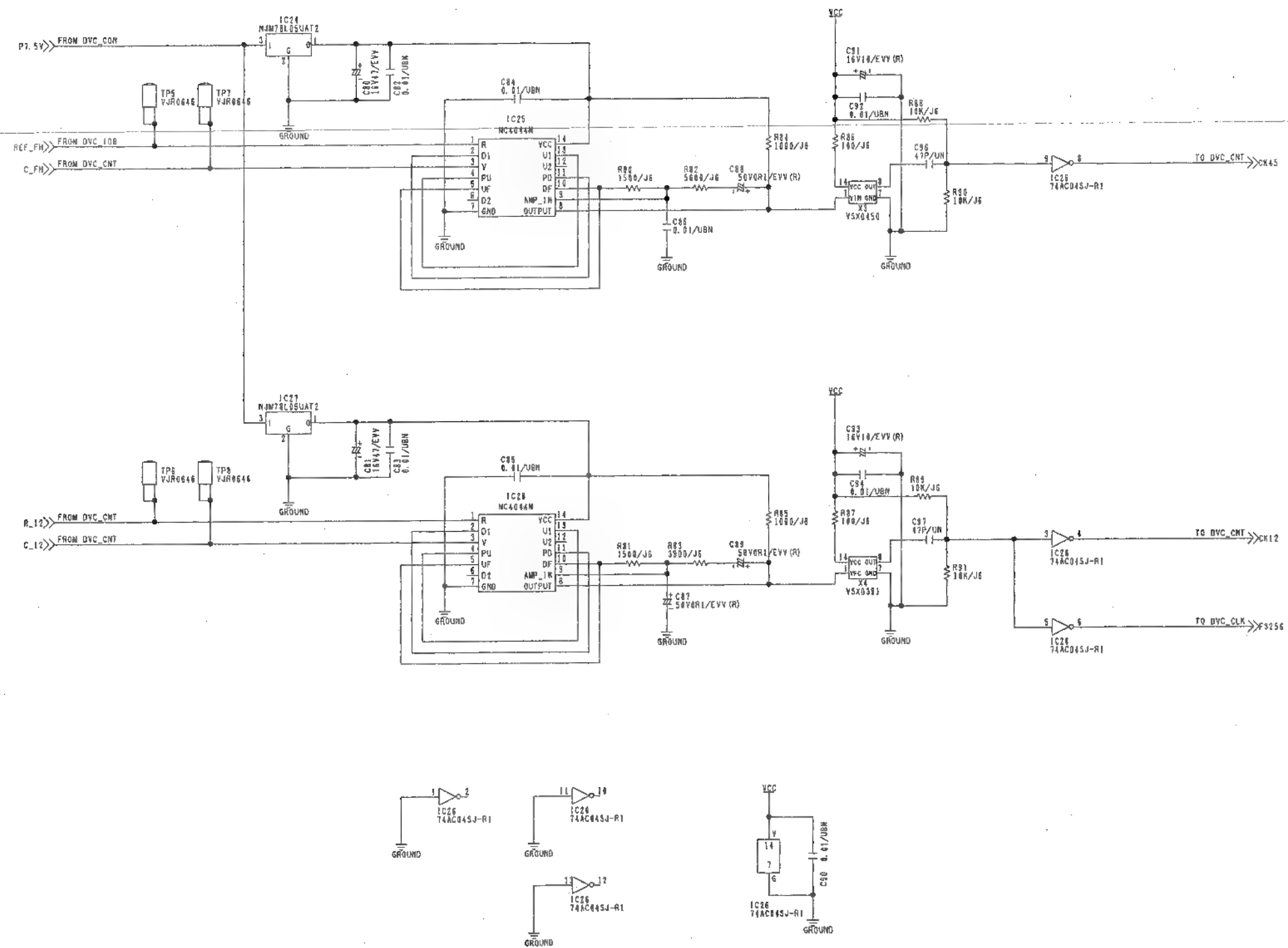
F7 A PROC 3/13 (AIN DLY) SCHEMATIC DIAGRAM



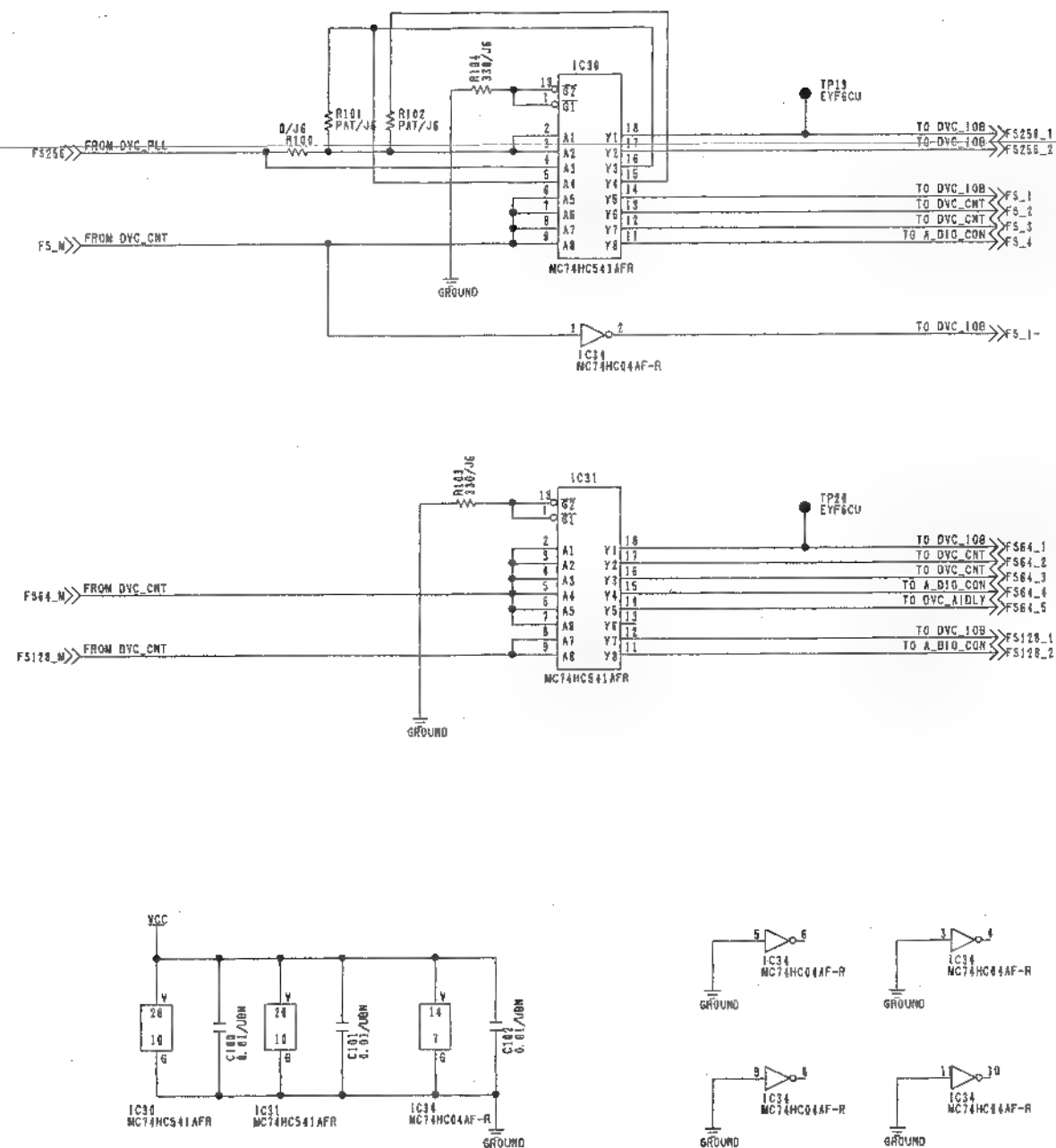
F7 A PROC 5/13 (SLOW CTL) SCHEMATIC DIAGRAM



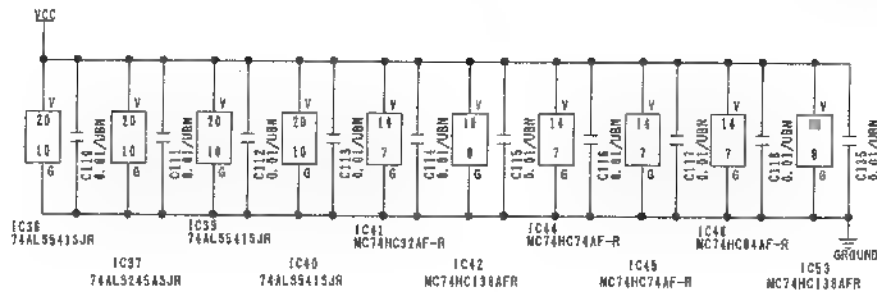
F7 A PROC 6/13 (PLL) SCHEMATIC DIAGRAM



F7 A PROC 7/13 (CLK BUFFER) SCHEMATIC DIAGRAM



A



The schematic diagram illustrates the internal circuitry of the MC74HC541AFR, a 16-bit counter/timer. The central component is the MC74HC541AFR, which is connected to various external components and signals.

Power and Ground Connections:

- VCC:** Connected to pin 14 (VCC) and pin 32 (VCC).
- GROUND:** Connected to pins 1 (GND), 2 (GND), 10 (GND), 11 (GND), 12 (GND), 13 (GND), 15 (GND), 16 (GND), 17 (GND), 18 (GND), 19 (GND), 20 (GND), 21 (GND), 22 (GND), 23 (GND), 24 (GND), 25 (GND), 26 (GND), 27 (GND), 28 (GND), 29 (GND), 30 (GND), 31 (GND), 33 (GND), and 34 (GND).

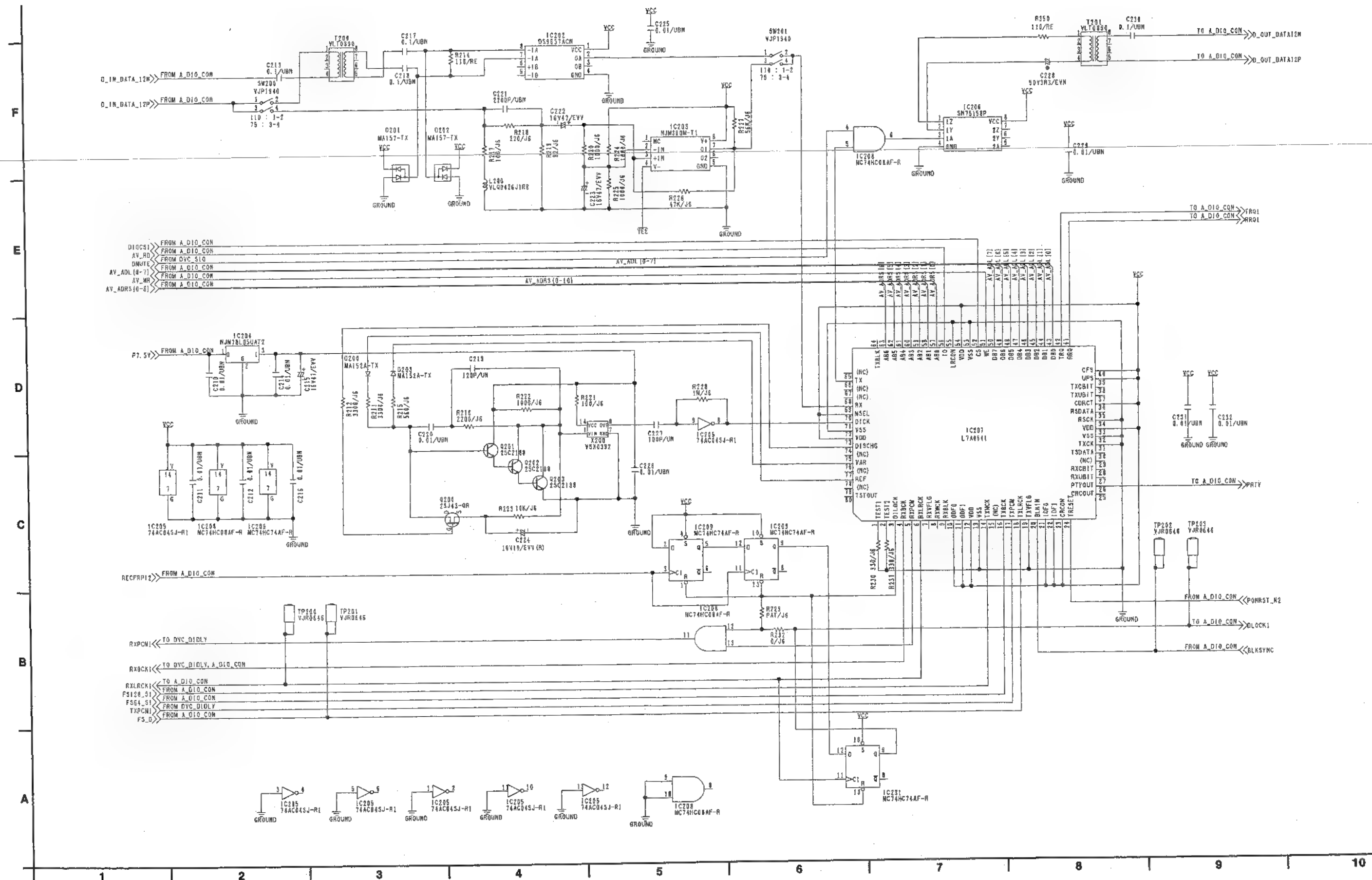
Signal Connections:

- FS128_2:** Connected to pin 18 (FS128_2).
- FS64_4:** Connected to pin 17 (FS64_4).
- FS128_S1:** Connected to pin 16 (FS128_S1).
- FS128_S2:** Connected to pin 15 (FS128_S2).
- FS64_S1:** Connected to pin 14 (FS64_S1).
- FS64_S2:** Connected to pin 13 (FS64_S2).
- FS64_S3:** Connected to pin 12 (FS64_S3).
- FS64_S4:** Connected to pin 11 (FS64_S4).
- FS_D:** Connected to pin 10 (FS_D).
- FS_4:** Connected to pin 9 (FS_4).
- FS128_2:** Connected to pin 8 (FS128_2).
- FS64_4:** Connected to pin 7 (FS64_4).
- FS128_S1:** Connected to pin 6 (FS128_S1).
- FS128_S2:** Connected to pin 5 (FS128_S2).
- FS64_S1:** Connected to pin 4 (FS64_S1).
- FS64_S2:** Connected to pin 3 (FS64_S2).
- FS64_S3:** Connected to pin 2 (FS64_S3).
- FS64_S4:** Connected to pin 1 (FS64_S4).

Other Components:

- IC200:** MC74HC541AFR, connected to pins 1, 2, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, and 34.
- IC201:** TL7705CPSB-R, connected to pins 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, and 34.
- IC202:** 16V47/EV, connected to pins 1, 2, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, and 34.
- IC203:** 0.1/ZFN, connected to pins 1, 2, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, and 34.
- IC204:** 6V47/EV, connected to pins 1, 2, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, and 34.
- IC205:** 0.01/UBN, connected to pins 1, 2, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, and 34.
- IC206:** 0.01/UBN, connected to pins 1, 2, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, and 34.
- IC207:** 0.01/UBN, connected to pins 1, 2, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, and 34.
- IC208:** 0.01/UBN, connected to pins 1, 2, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, and 34.
- IC209:** 0.01/UBN, connected to pins 1, 2, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, and 34.
- IC210:** 0.01/UBN, connected to pins 1, 2, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, and 34.

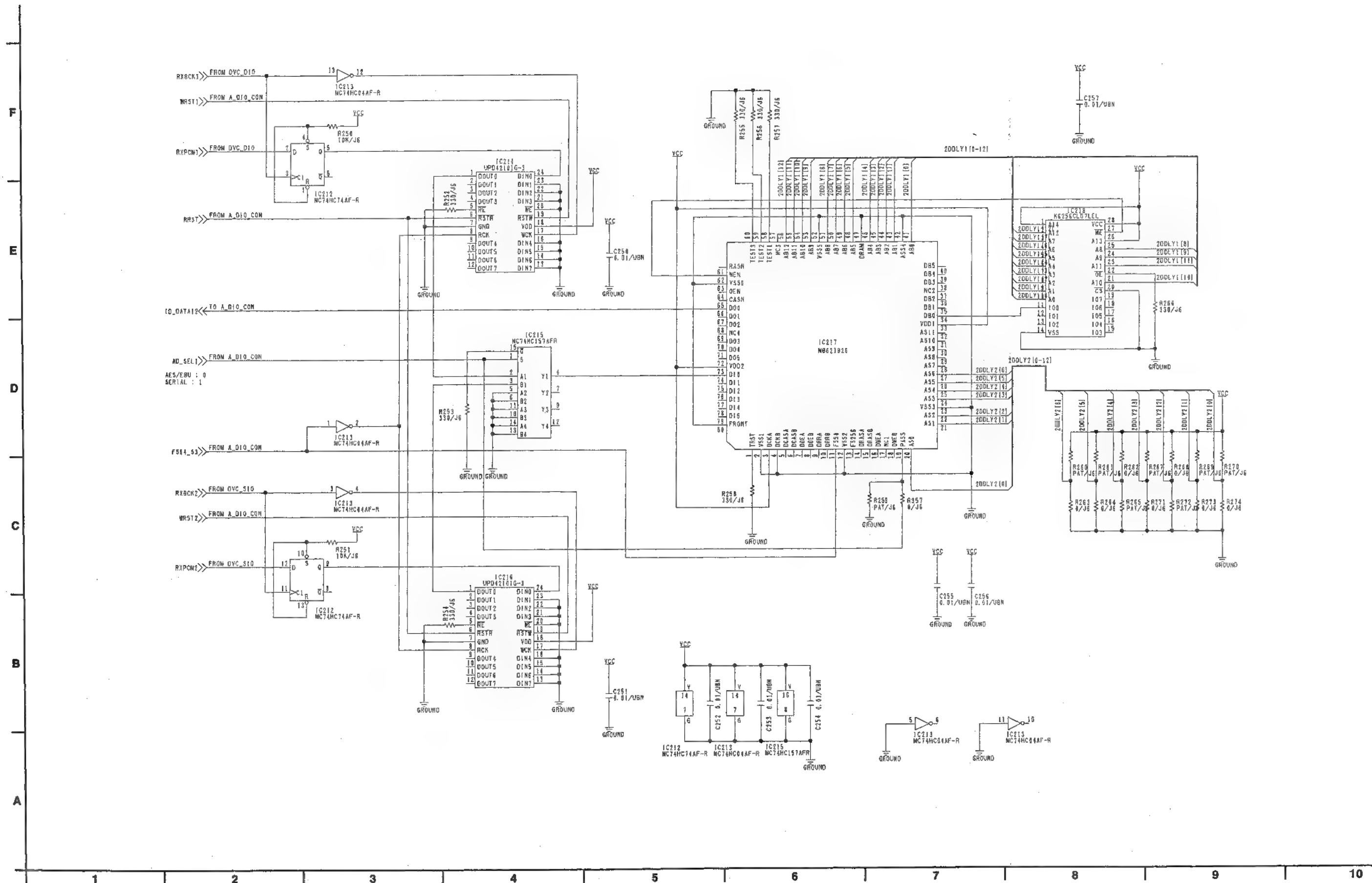
F7 A PROC 10/13 (DIO) SCHEMATIC DIAGRAM



A

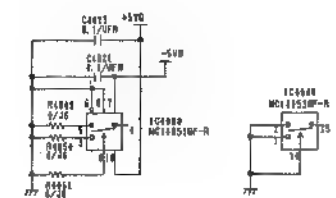


F7 A PROC 12/13 (DIN DLY) SCHEMATIC DIAGRAM

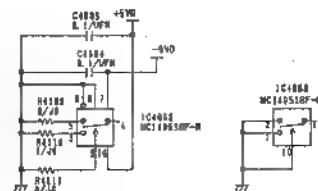




A vertical scale with labels A, B, C, D, E, and F from bottom to top, with horizontal tick marks.



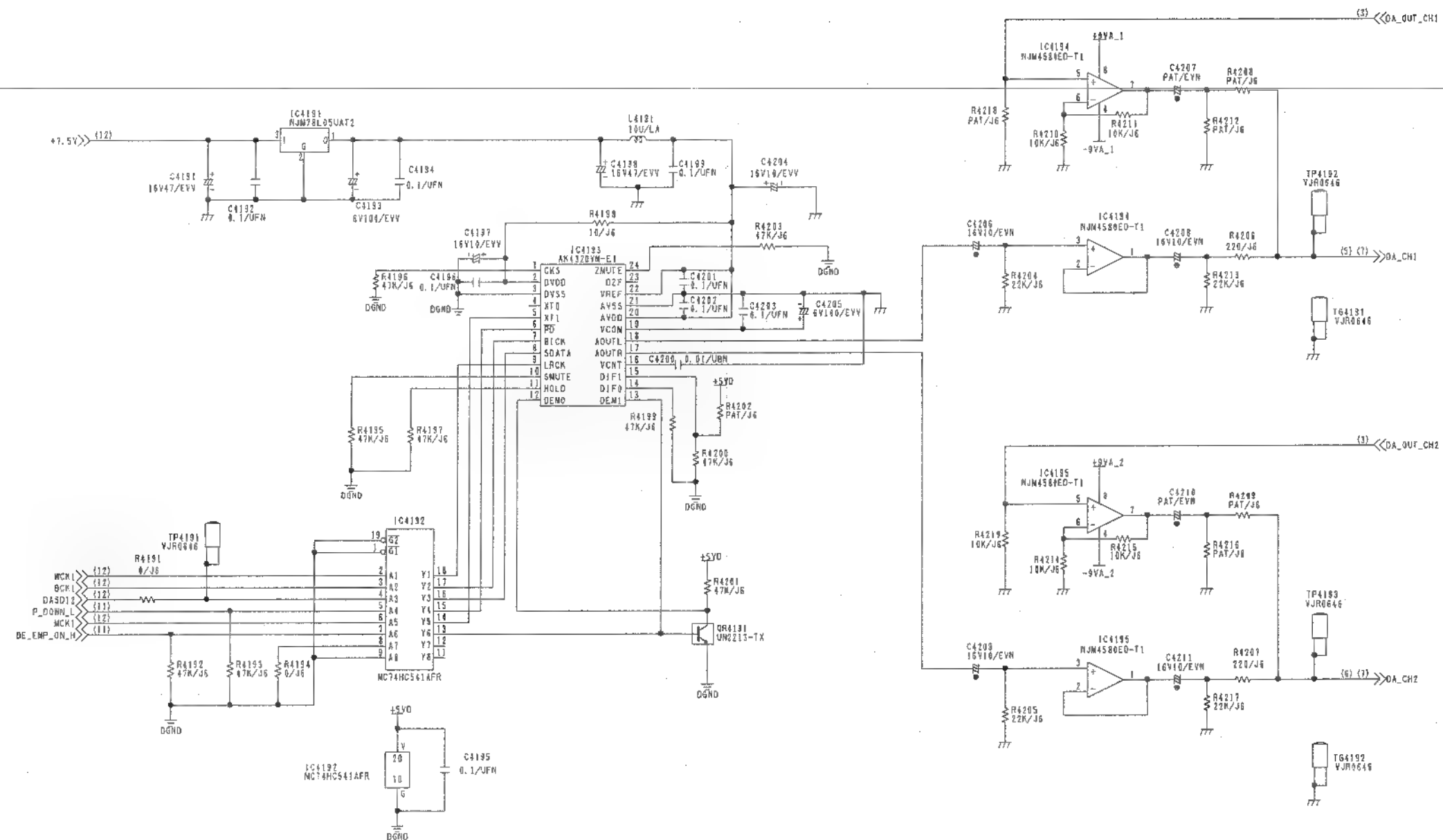
A



A **B** **C** **D** **E** **F**

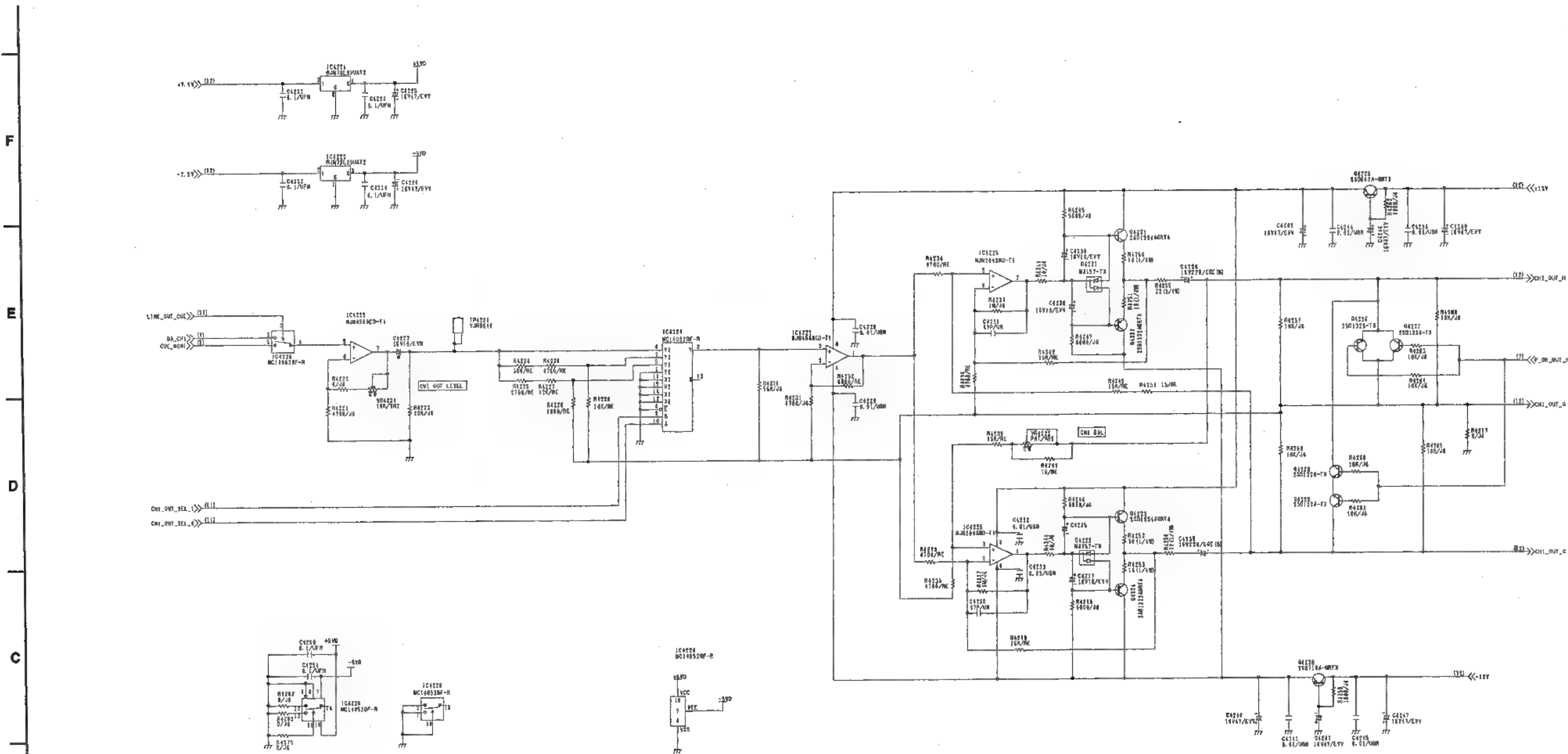


F8 ADDA CUE 4/12 SCHEMATIC DIAGRAM



Ref No4000 Series (4191-4220)

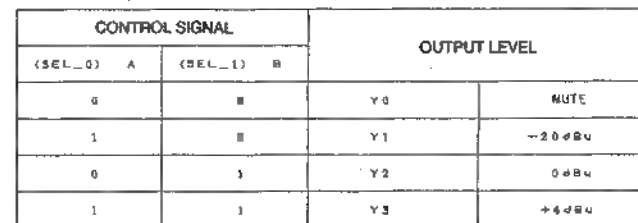
F8 ADDA CUE 5/12 SCHEMATIC DIAGRAM



CONTROL SIGNAL		OUTPUT LEVEL	
(SEL_0) A	(SEL_1) B		
0	0	V0	MUTE
1	0	V1	-20dBu
0	1	V2	0dBu
1	1	V3	+4dBu

Ref No 4000 Series (4221-4226)

A



REVERSE SIDE
F8 ADDA CUE 5/12

F

E

D

C

B

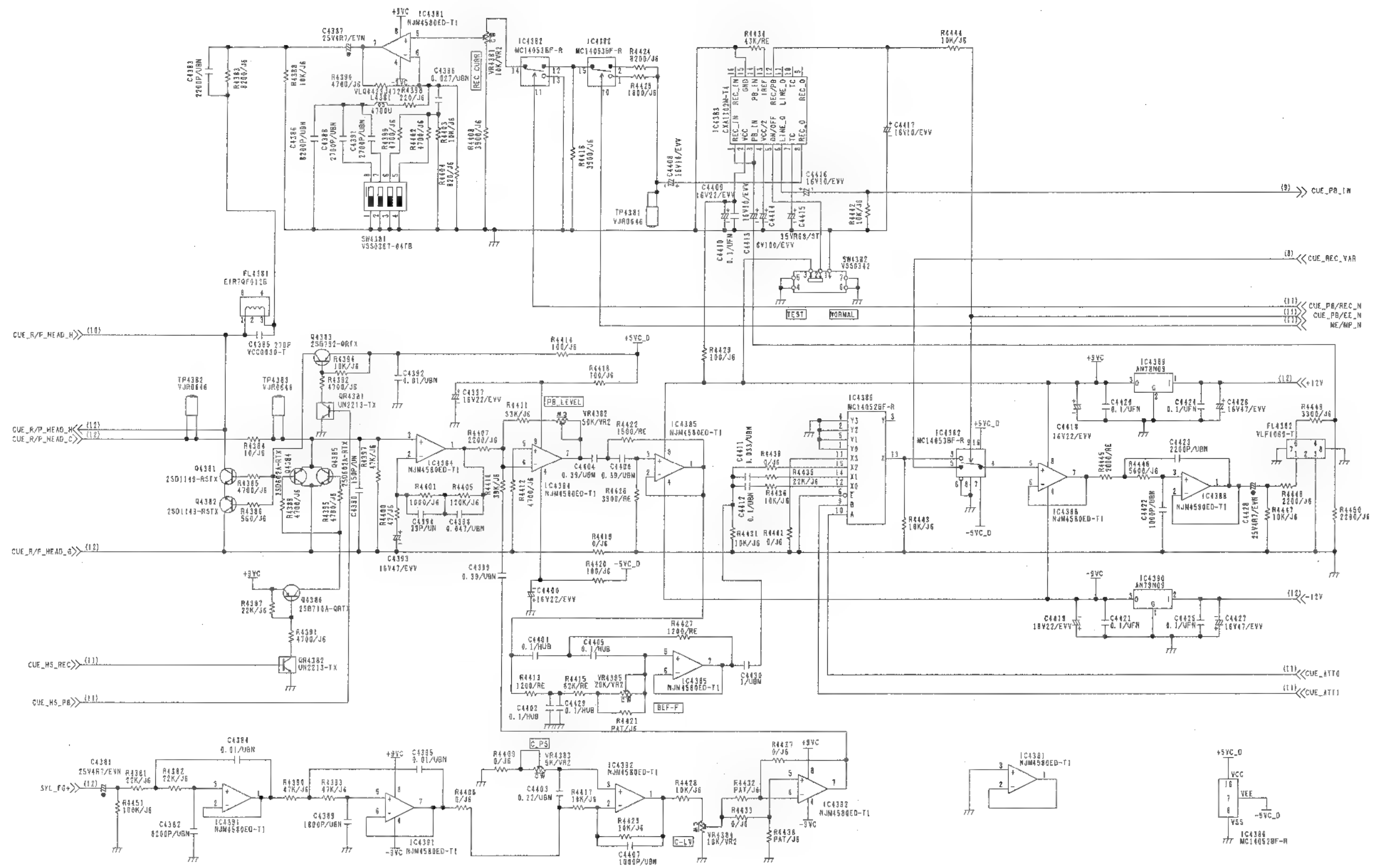
A



A horizontal number line is shown, ranging from 1 to 10. The line is divided into 9 equal segments by vertical tick marks. The numbers 1 through 10 are placed below the tick marks. The segment between 4 and 5 is shaded gray.

F8 ADDA CUE 8/12 SCHEMATIC DIAGRAM

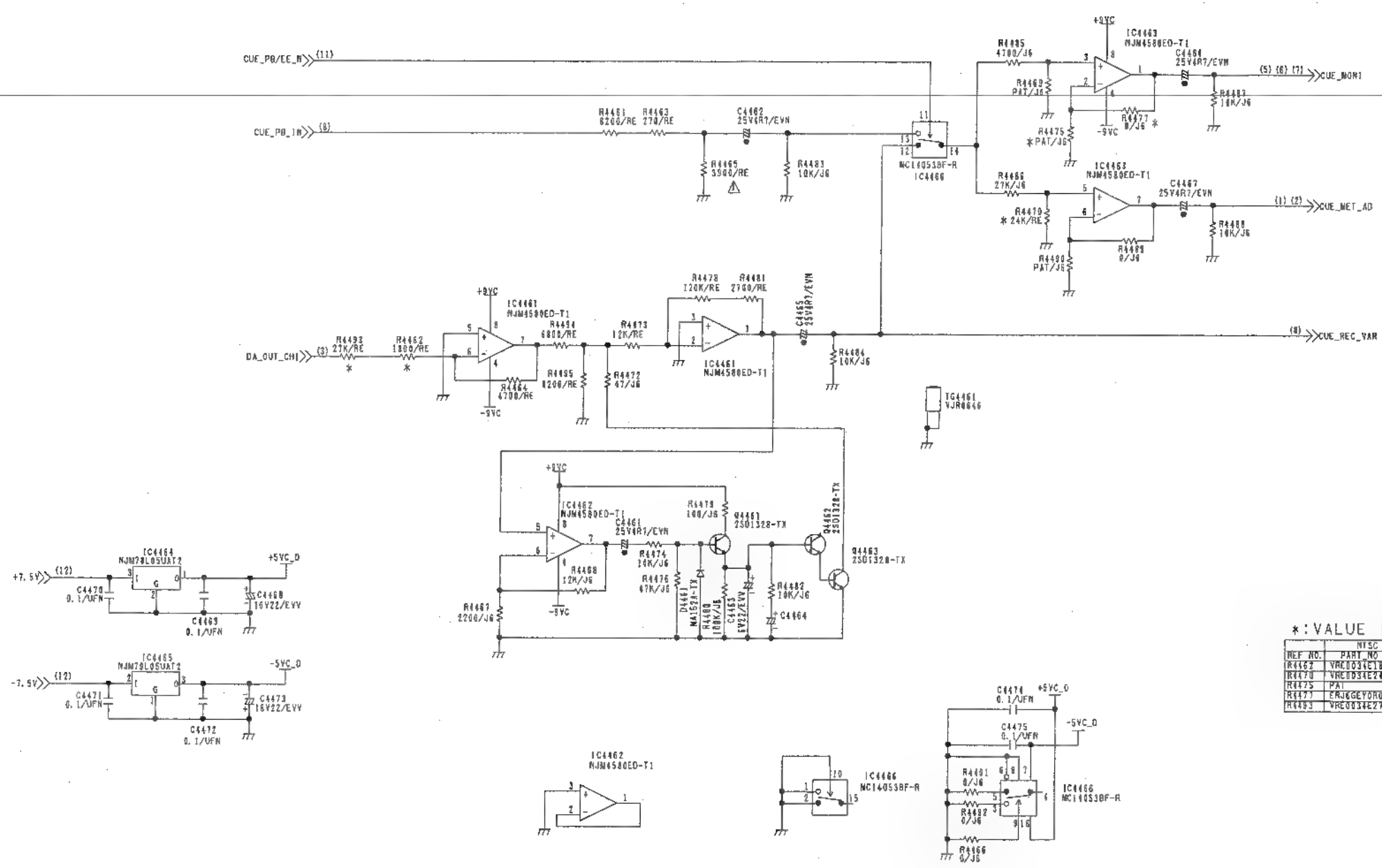
F
E
D
C
B
A



Ref No4000 Series (4381-4460)

F8 ADDA CUE 9/12 SCHEMATIC DIAGRAM

F
E
D
C
B
A

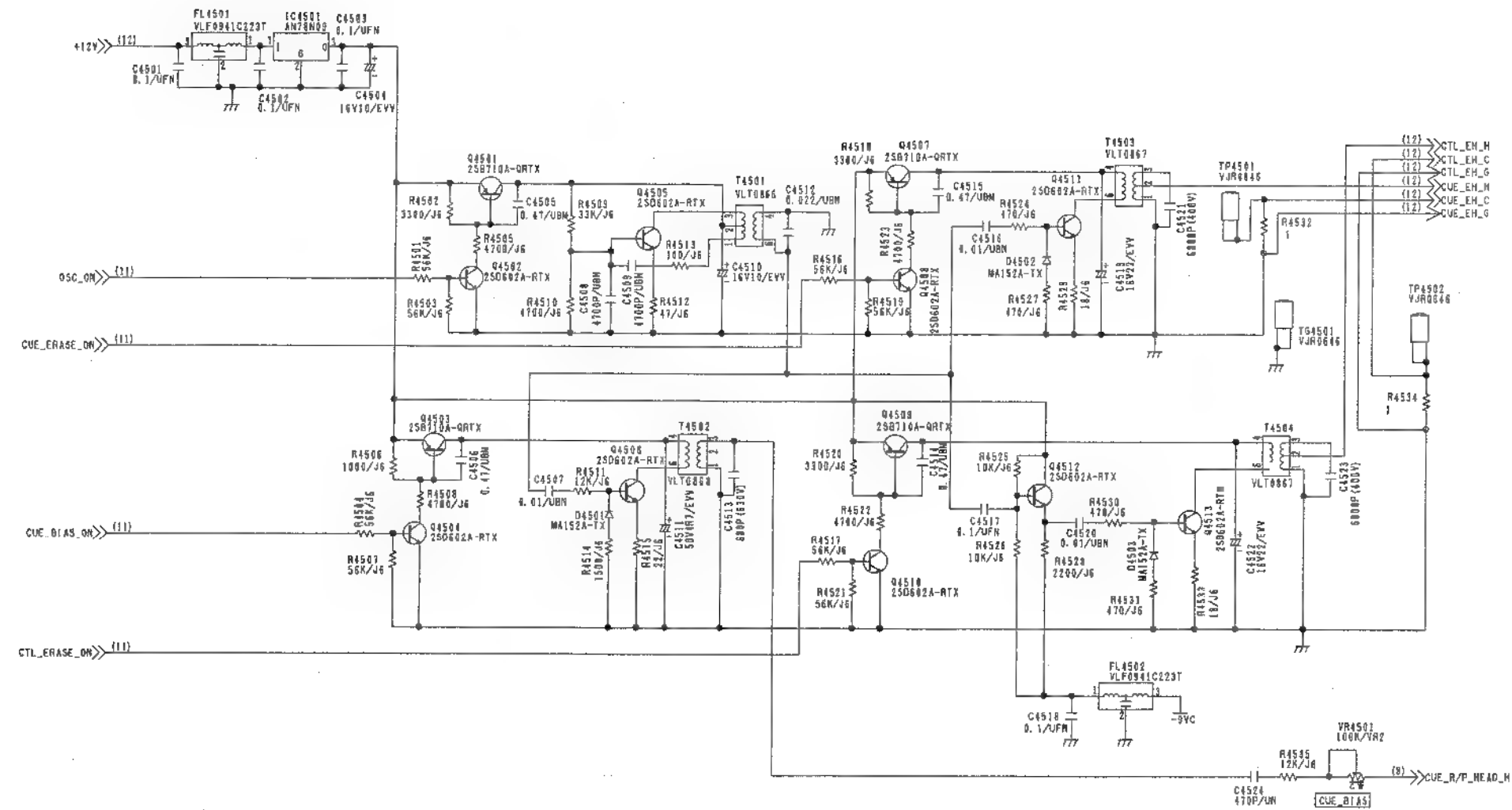


*:VALUE IS DIFFERENT for PAL

REF NO.	NTSC	PAL
R4462	VRE0034E1B2	VRE0034E1B3
R4470	VRE0034E243	ERJ6GEYJ333V
R4475	PAT	ERJ6GEYJ332V
R4477	ERJ6GEY0R00V	ERJ6GEYJ122V
R4483	VRE0034E273	VRE0034E1B3

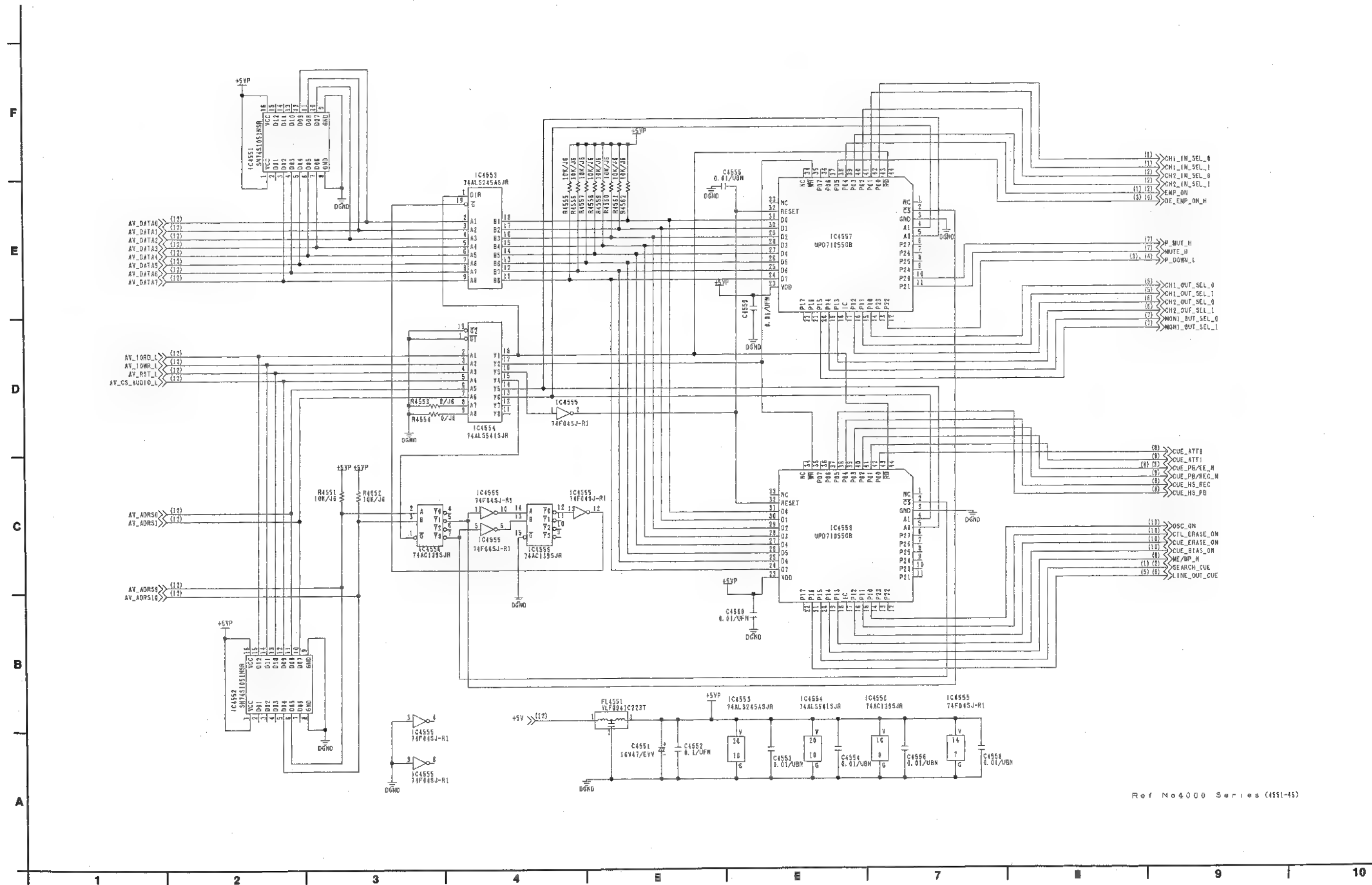
Ref No4000 Series (4461-4500)

F8 ADDA CUE 10/12 SCHEMATIC DIAGRAM



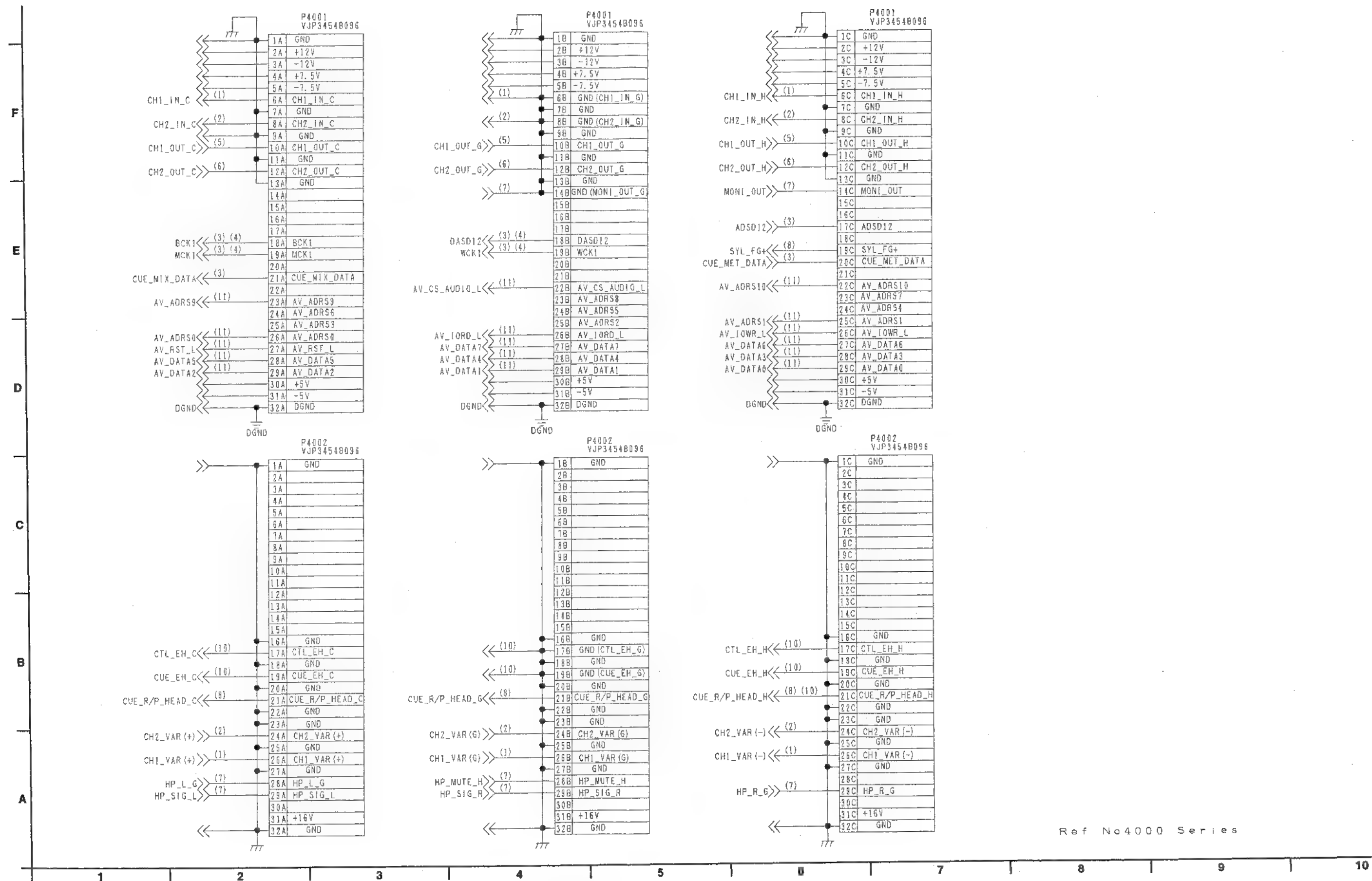
Ref No4000 Series (4501-4550)

F8 ADDA CUE 11/12 SCHEMATIC DIAGRAM



Ref No 4000 Series (4551-45)

F8 ADDA CUE 12/12 SCHEMATIC DIAGRAM



Ref No4000 Series

H3 EQ 1/9 SCHEMATIC DIAGRAM

F

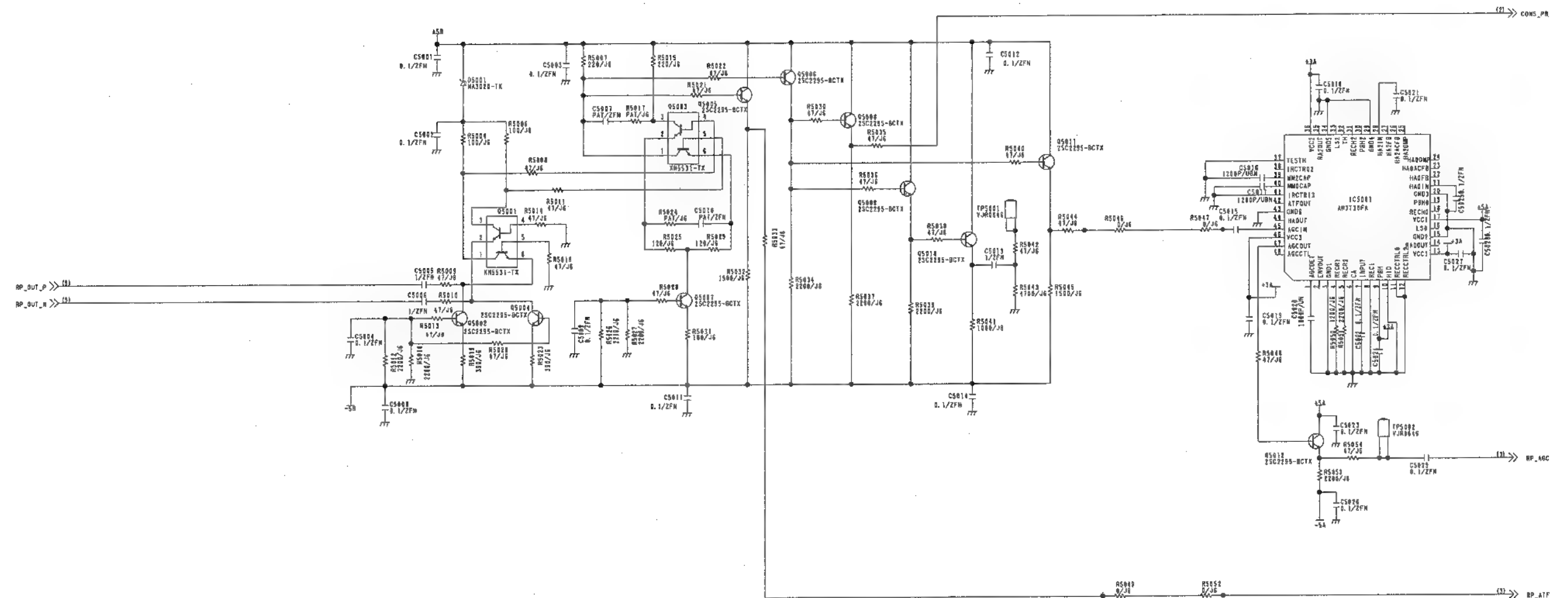
E

D

C

B

A



H3 EQ 2/9 SCHEMATIC DIAGRAM

F

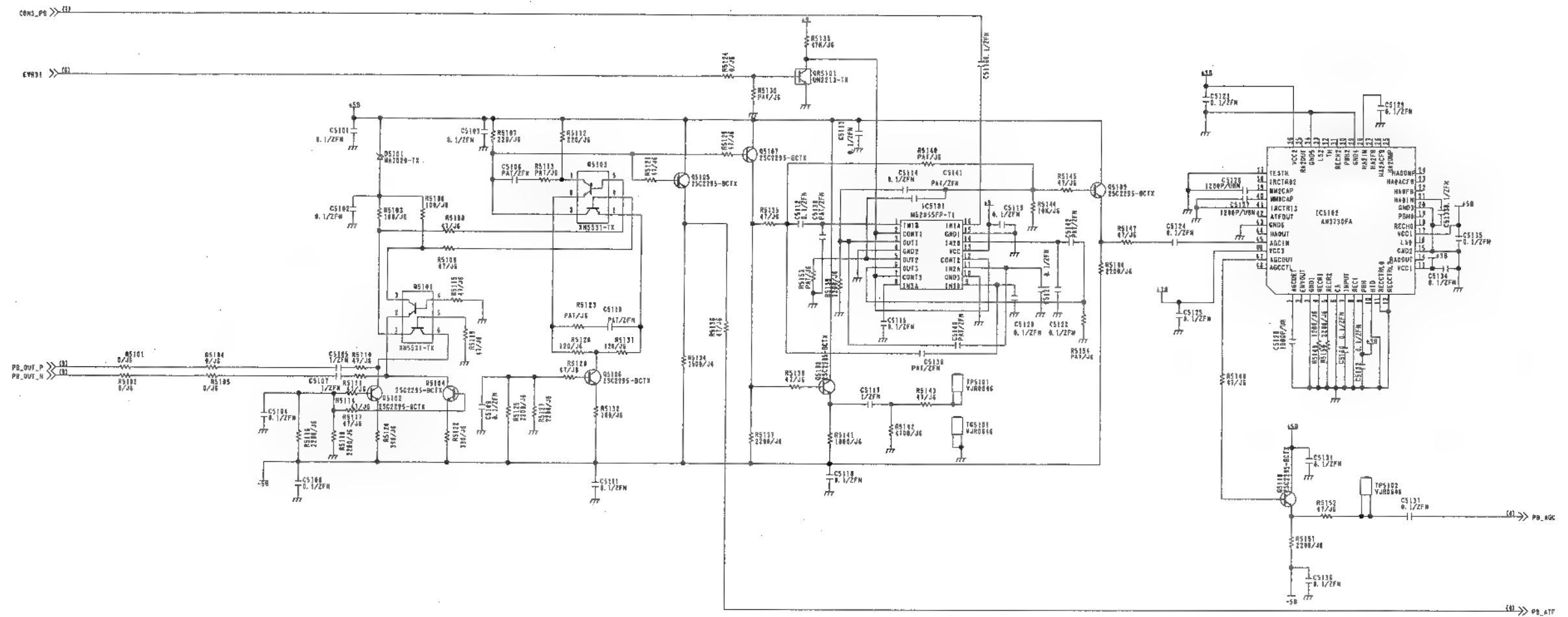
E

D

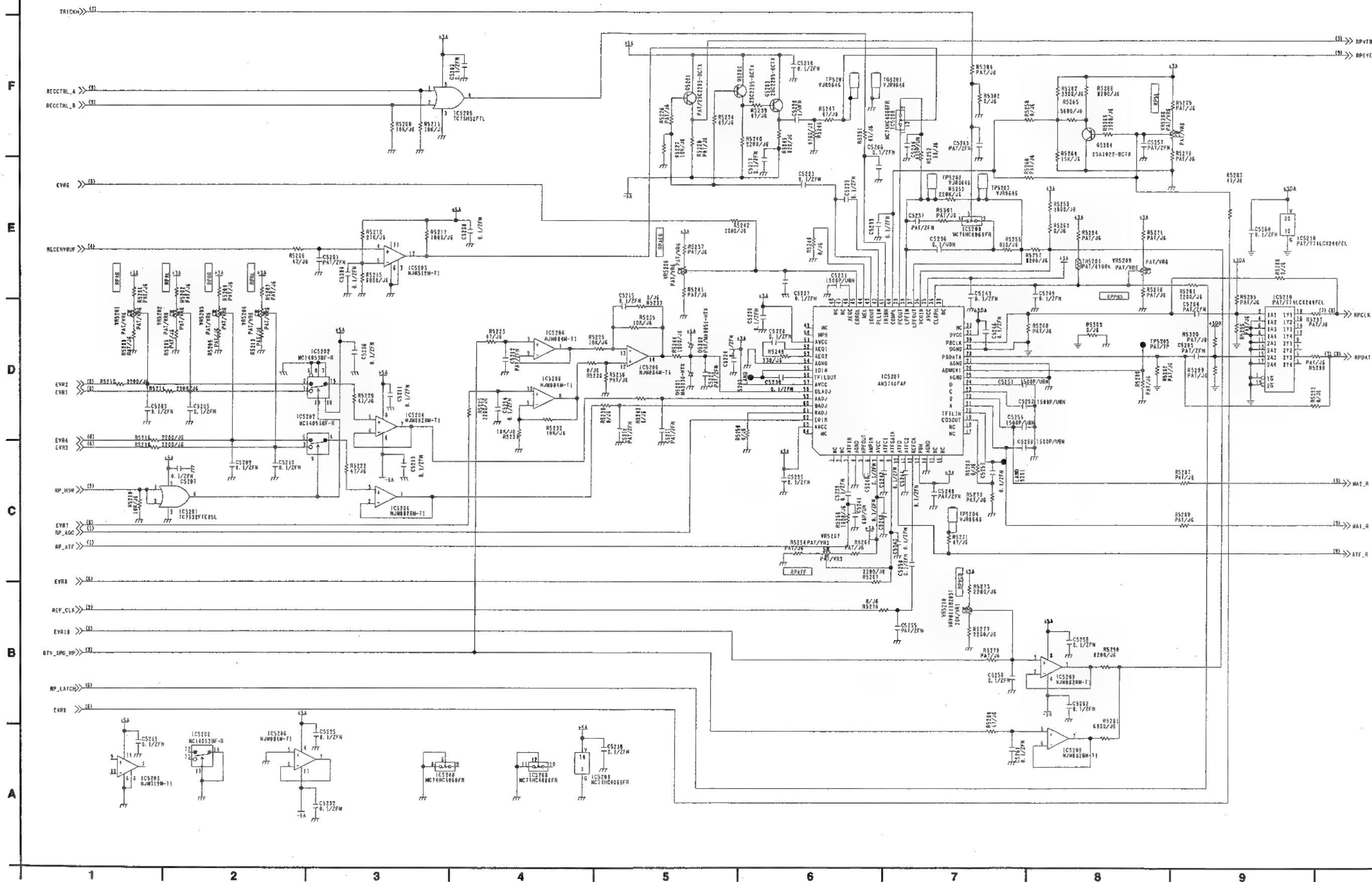
C

B

A



H3 EQ 3/9 SCHEMATIC DIAGRAM

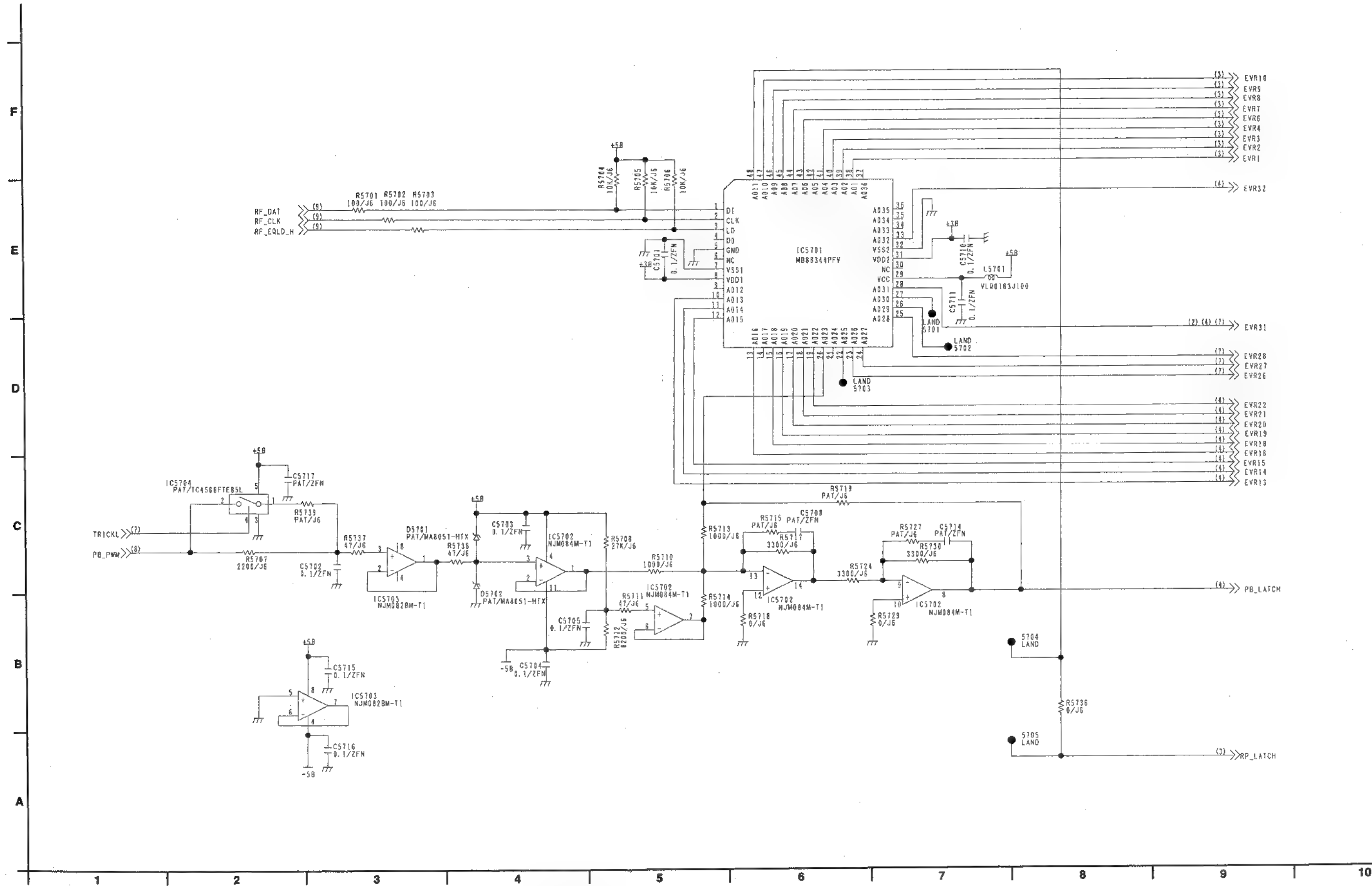


A



Energy level diagram for the $2p^3d$ configuration. The vertical axis represents energy, with levels labeled E, C, D, E, F from bottom to top. The levels are connected by horizontal lines, indicating transitions or energy differences.

H3 EQ 6/9 SCHEMATIC DIAGRAM



4



A vertical scale with tick marks and labels. The labels are A, B, C, D, E, and F, arranged from bottom to top. The scale is marked with horizontal lines at each label position.



H3 EQ 9/9 SCHEMATIC DIAGRAM

F

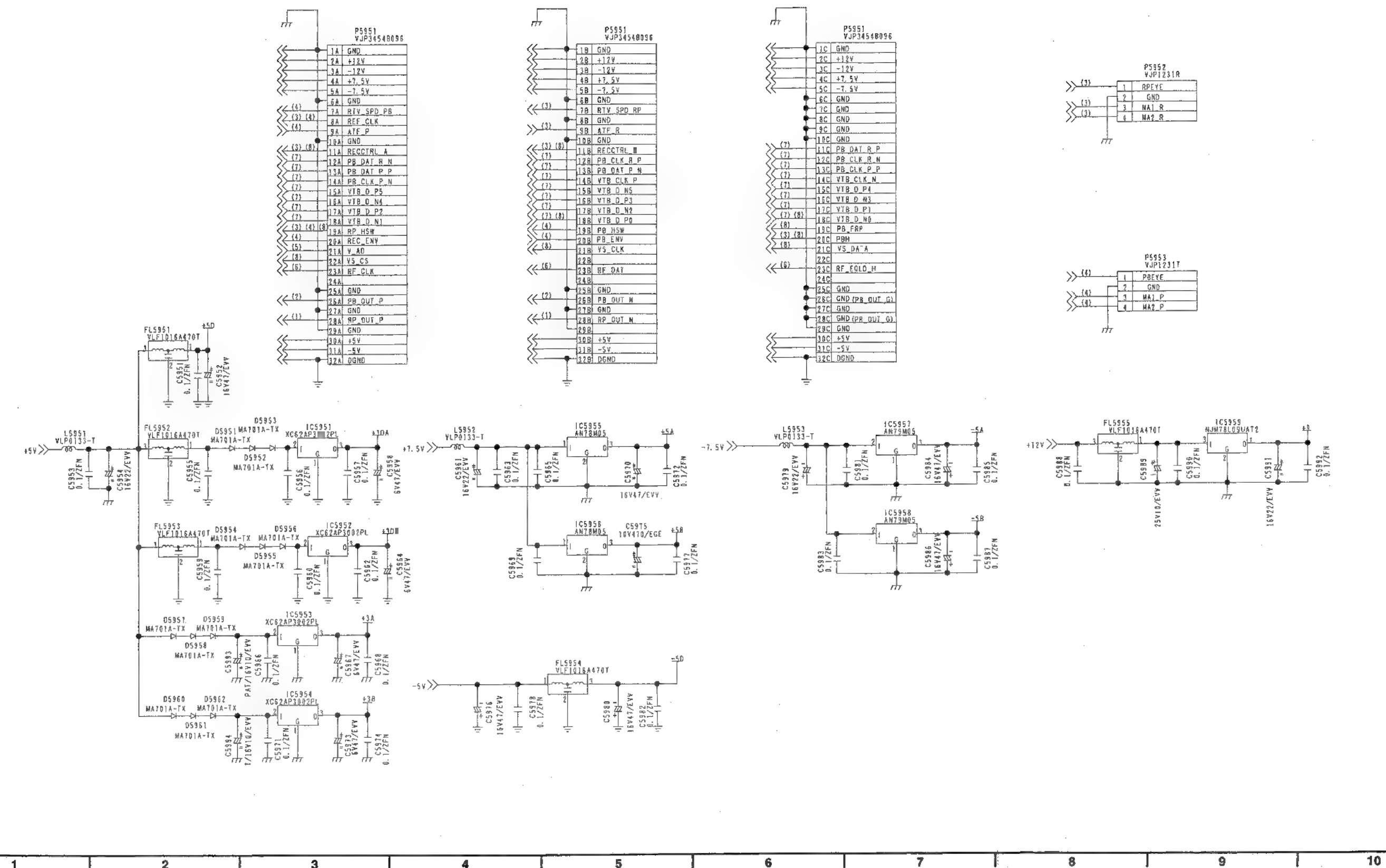
E

D

C

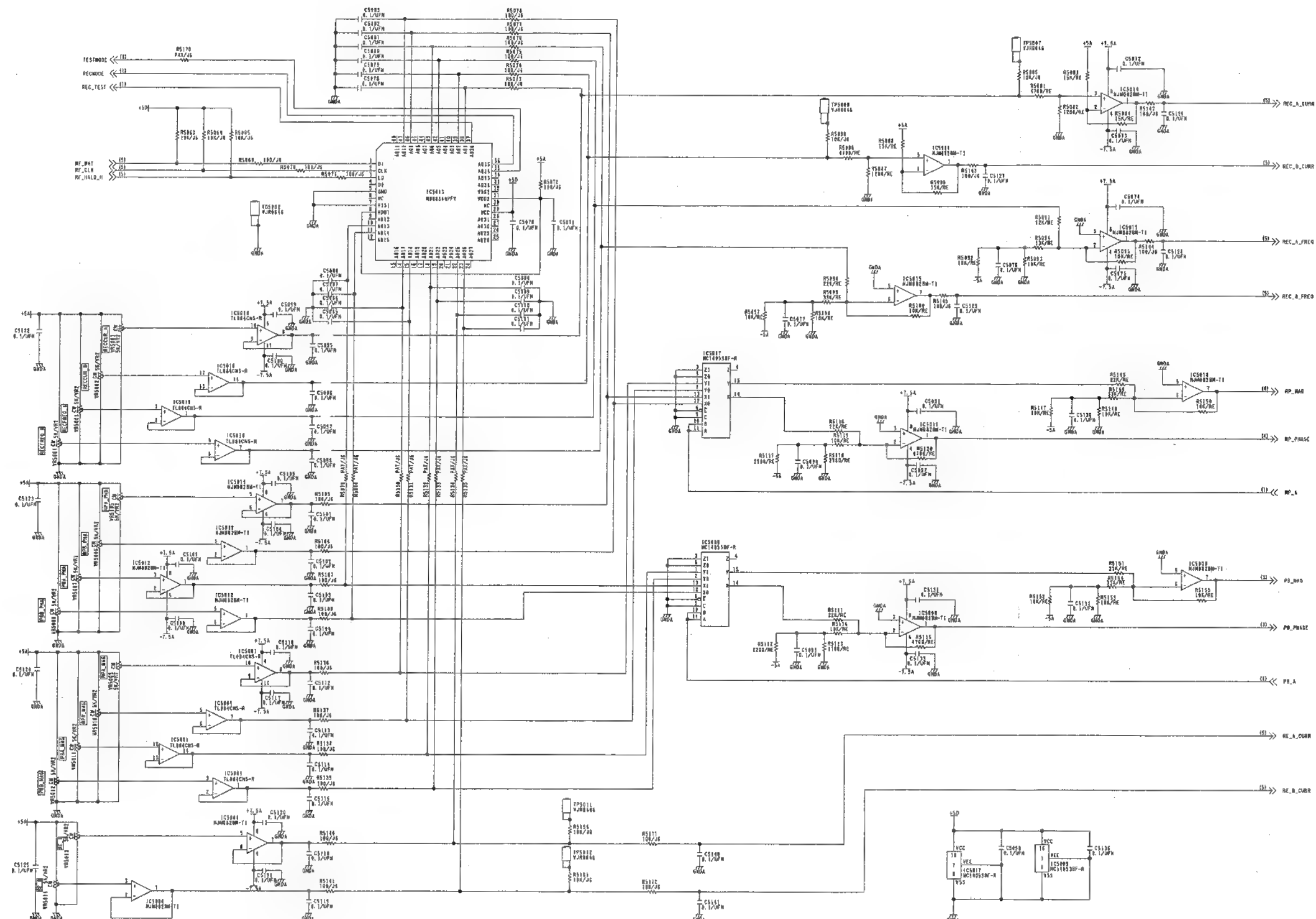
B

A



F

F
—
E
—
D
—
C
—
B
—
A



H4 RF AMP 3/5 SCHEMATIC DIAGRAM

F

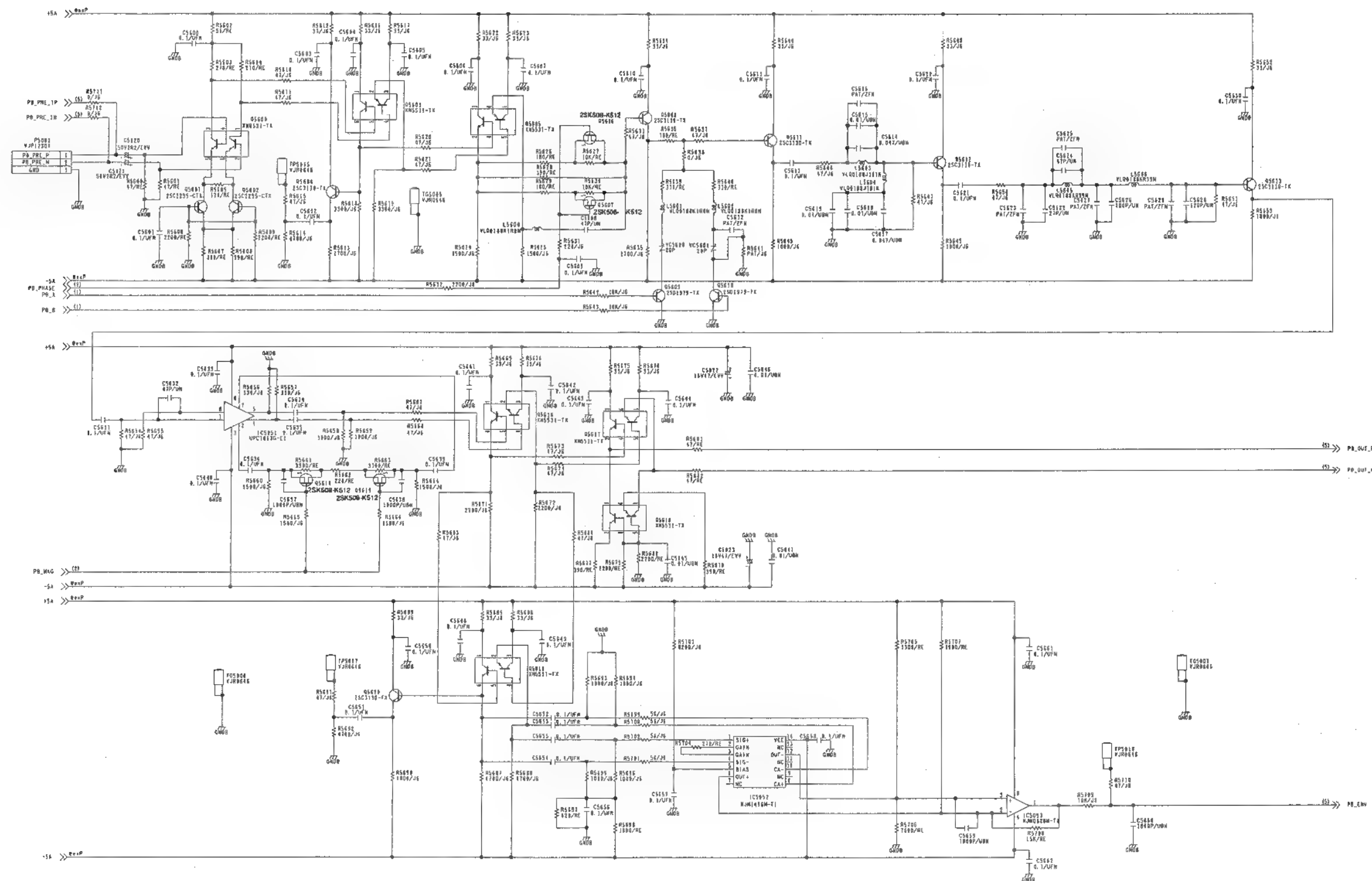
E

D

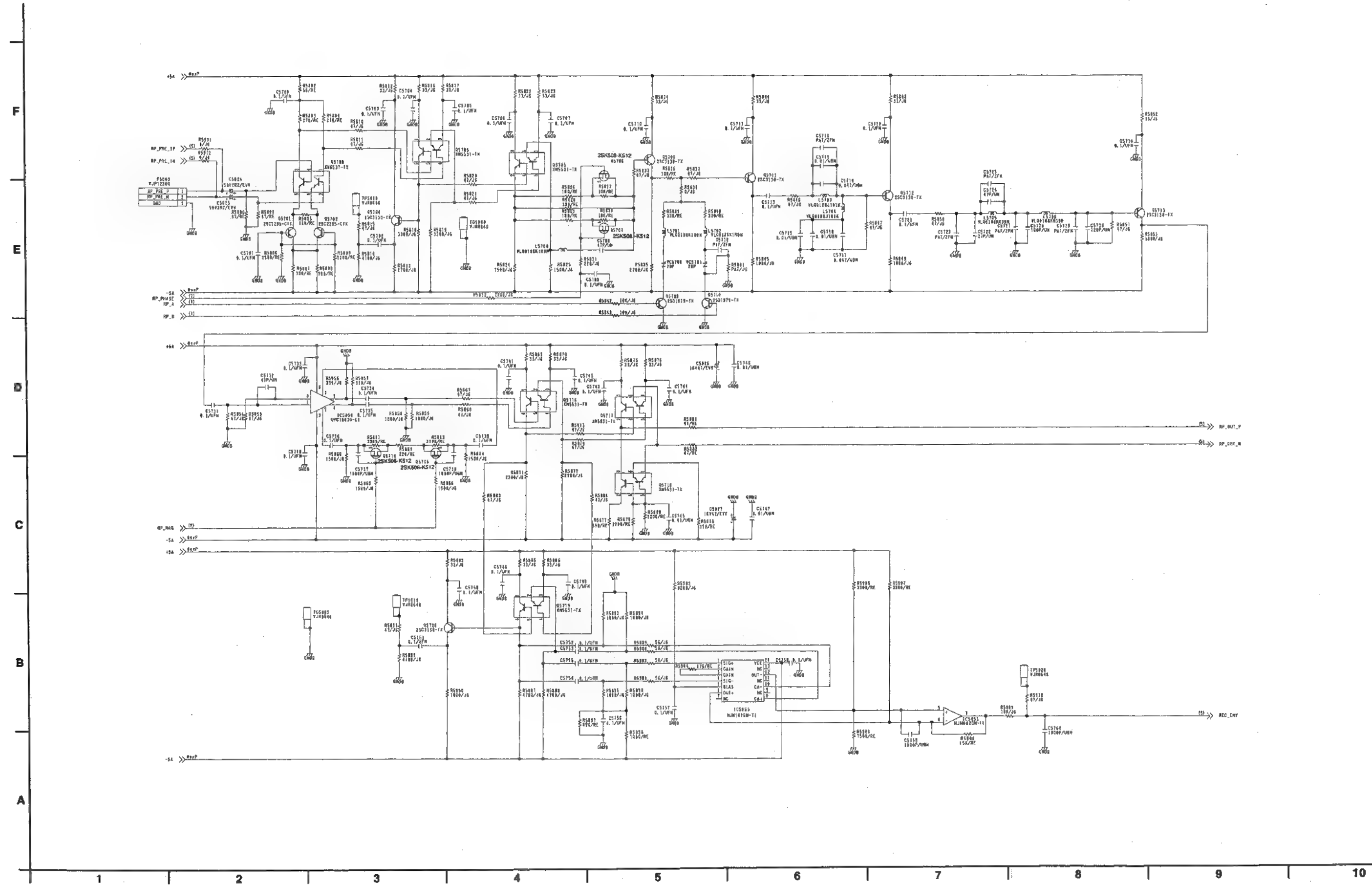
C

B

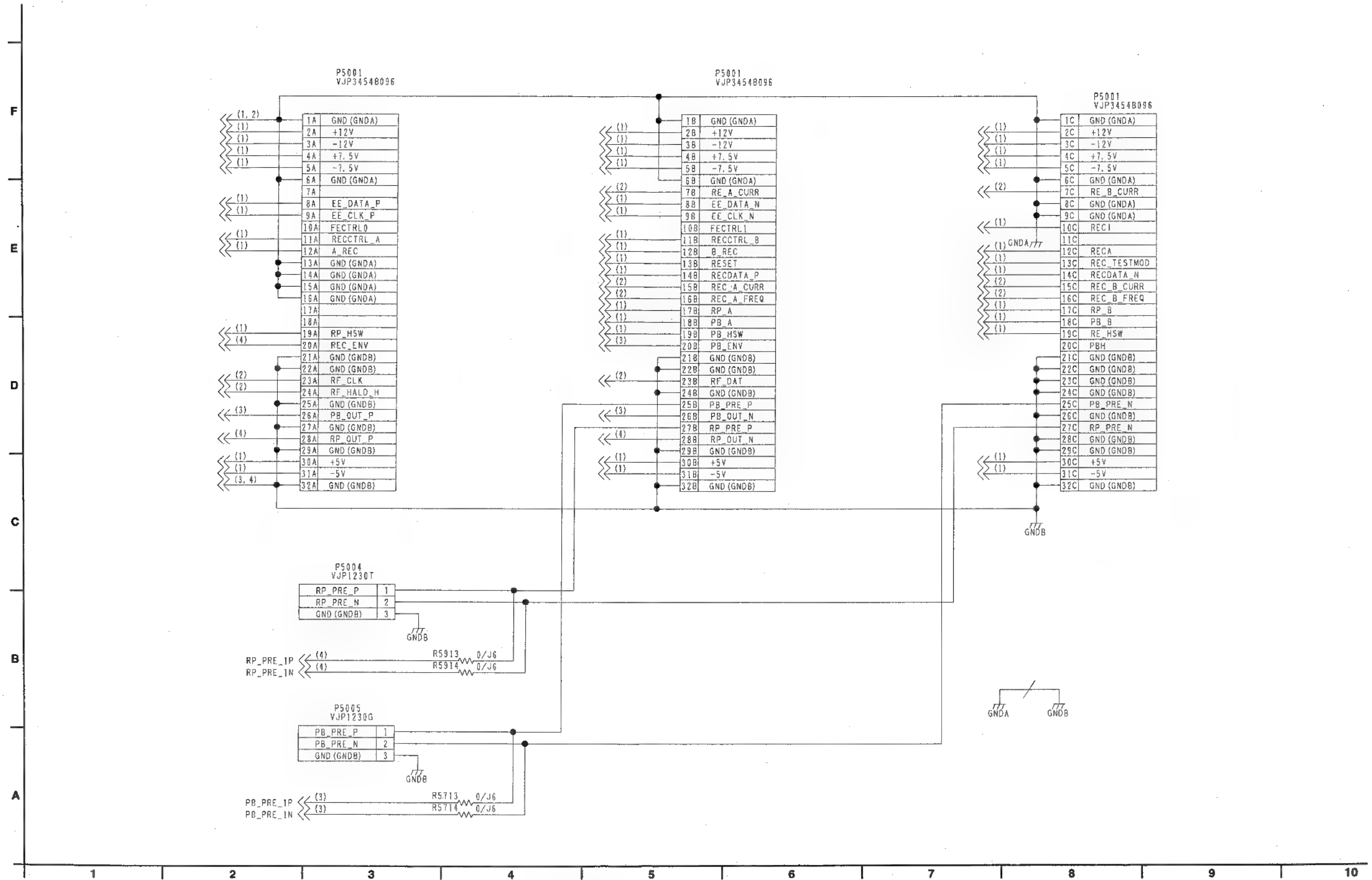
A



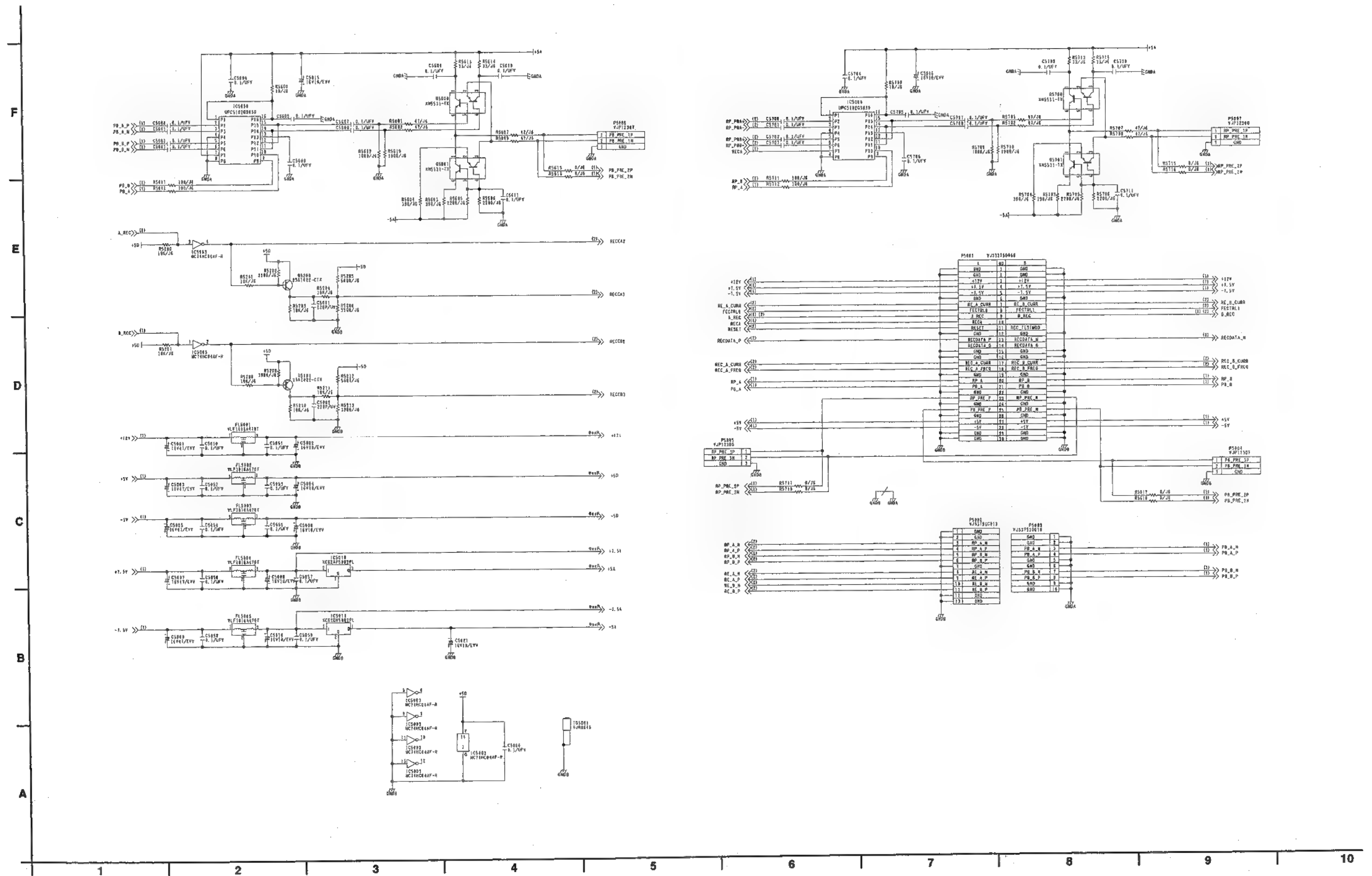
H4 RF AMP 4/5 SCHEMATIC DIAGRAM



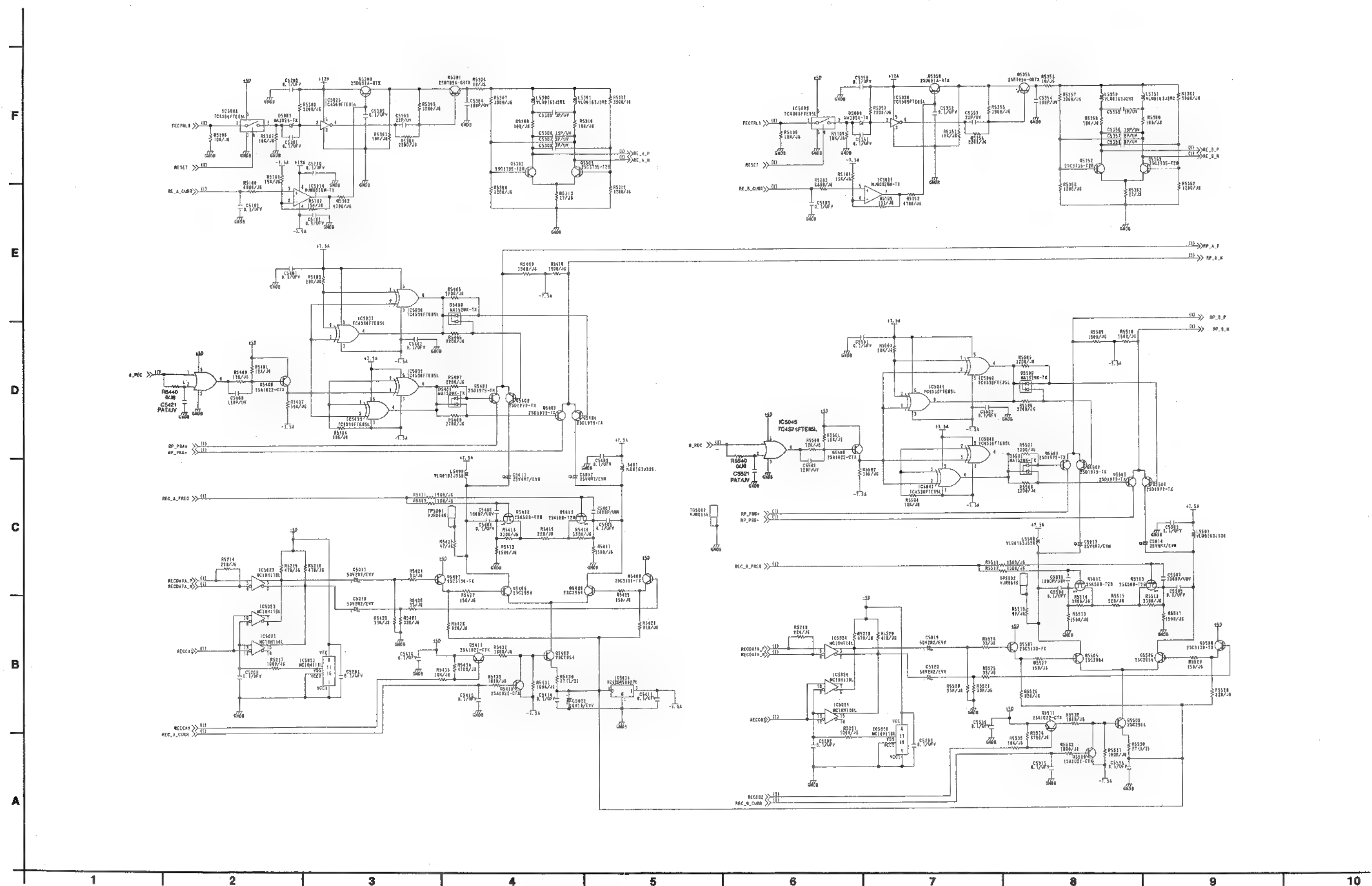
H4 RF AMP 5/5 SCHEMATIC DIAGRAM



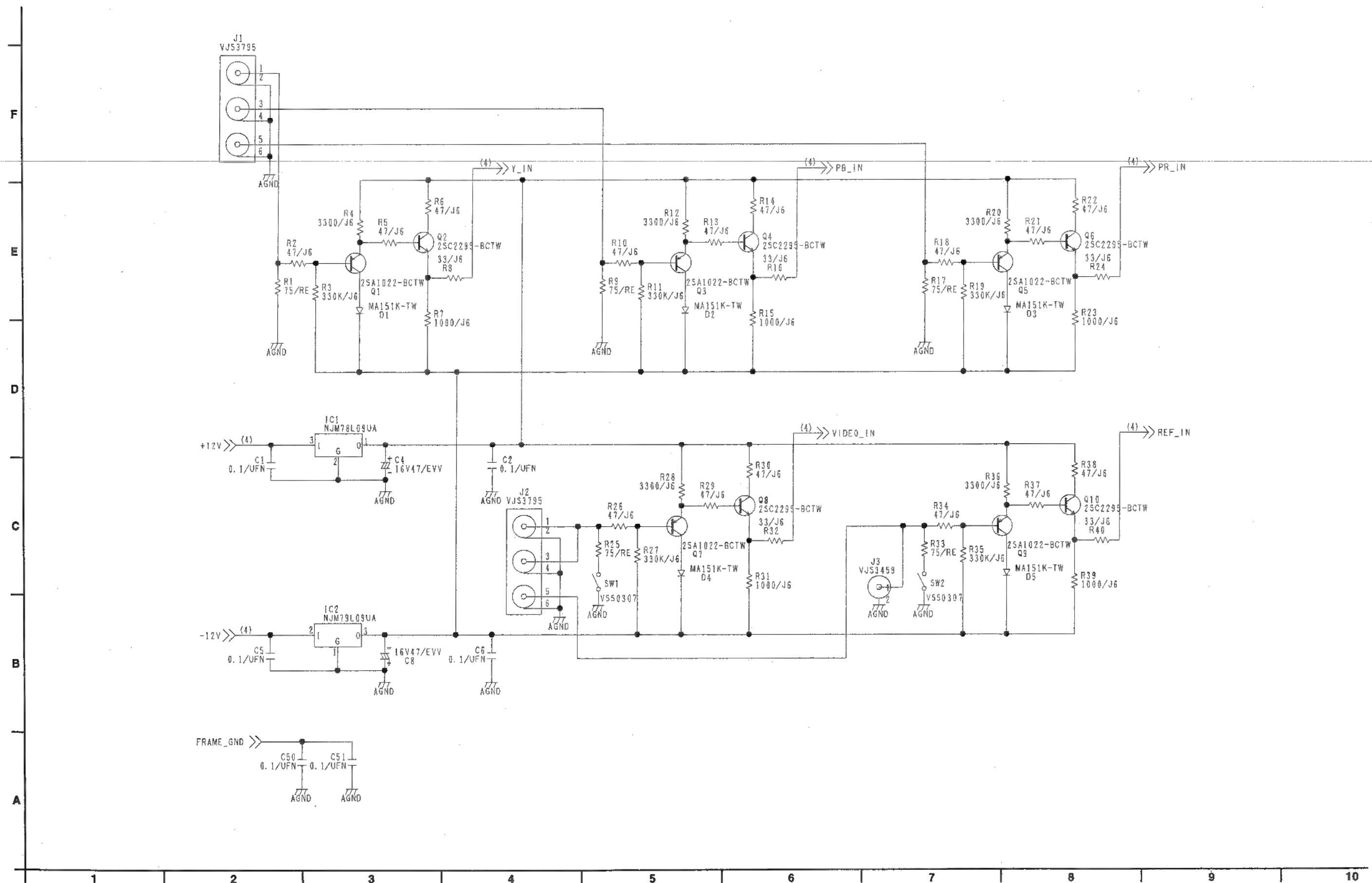
HEAD BUFFER 1/2 SCHEMATIC DIAGRAM



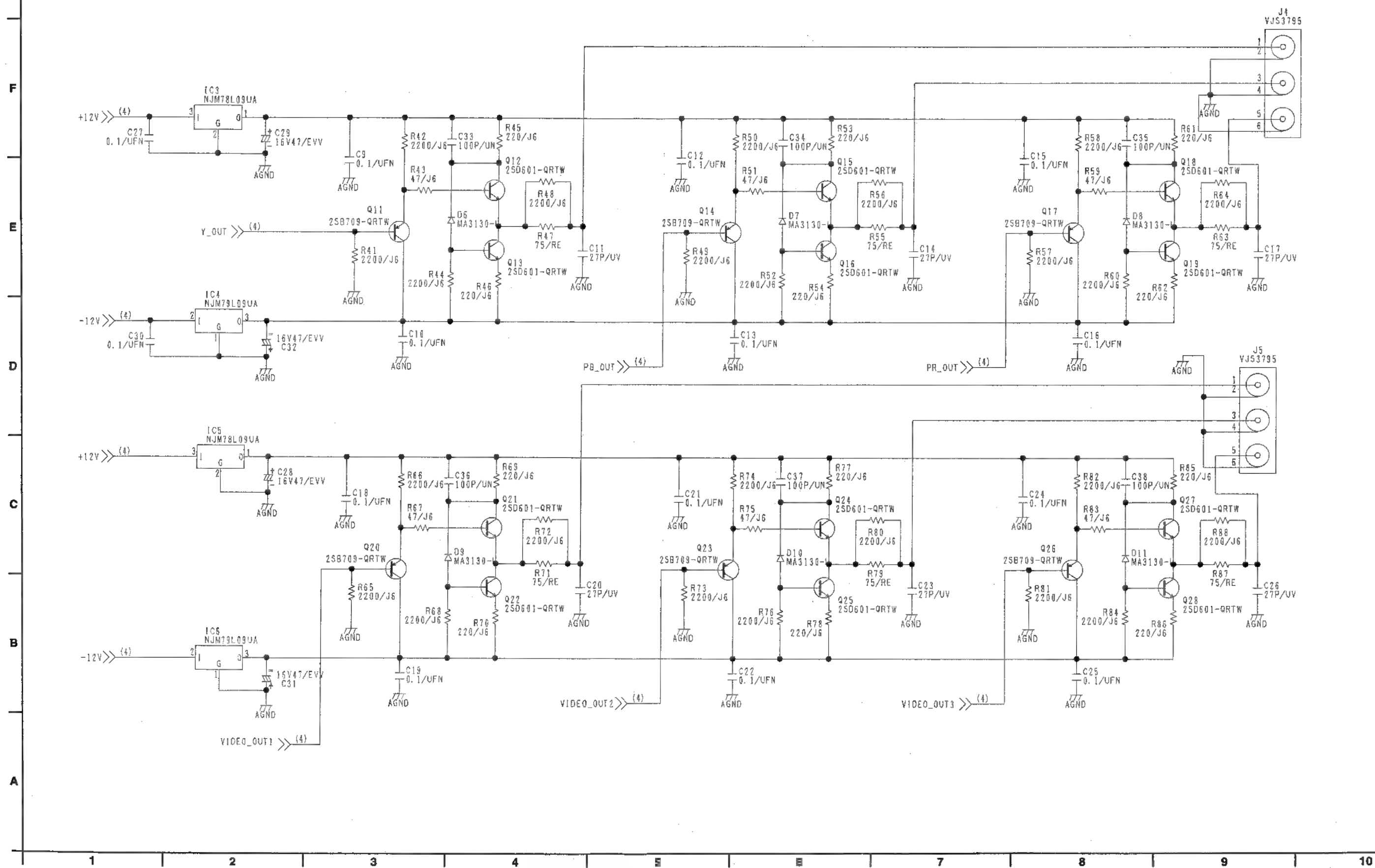
HEAD BUFFER 2/2 SCHEMATIC DIAGRAM



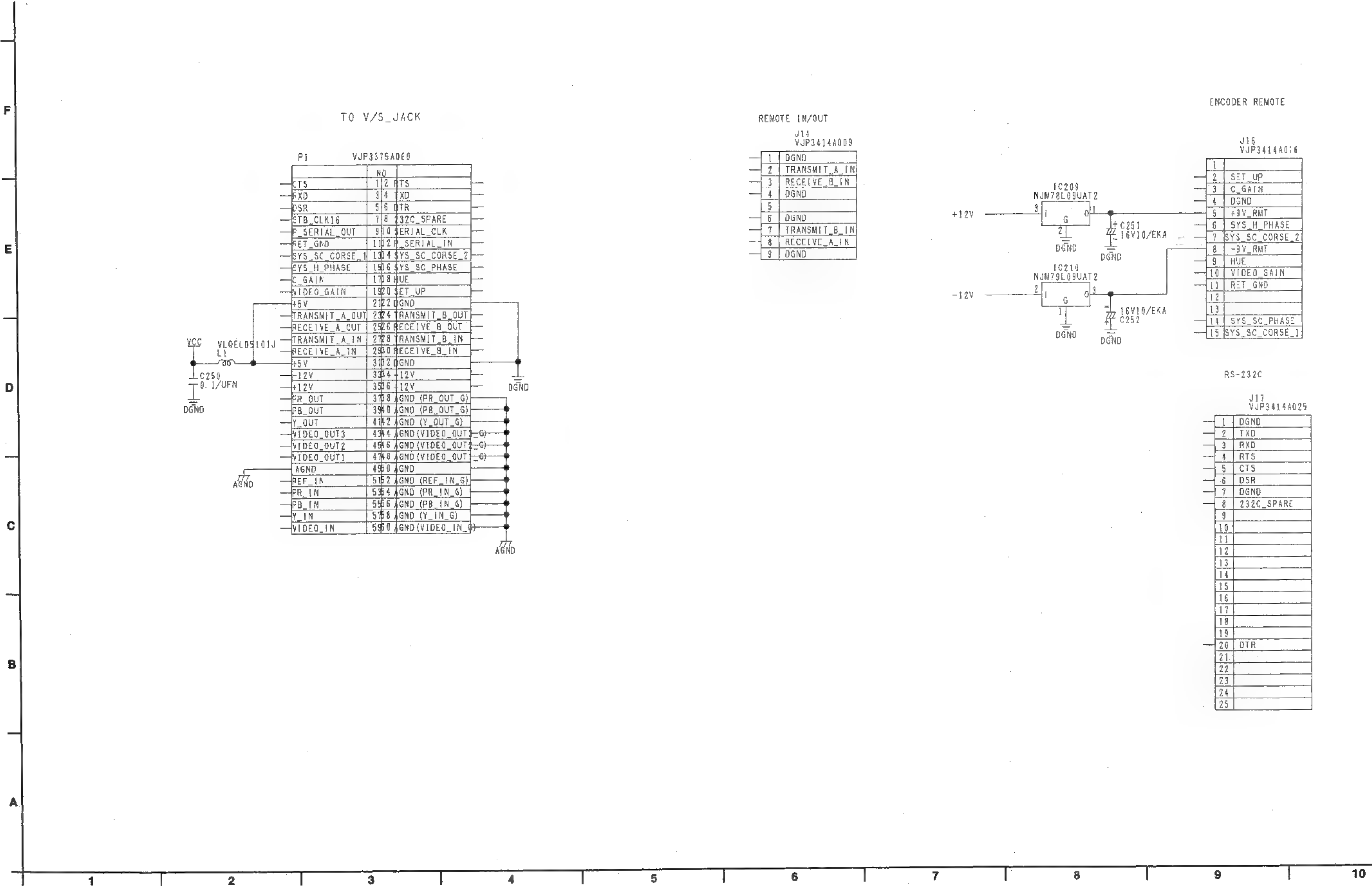
V/S JACK 1/3 SCHEMATIC DIAGRAM



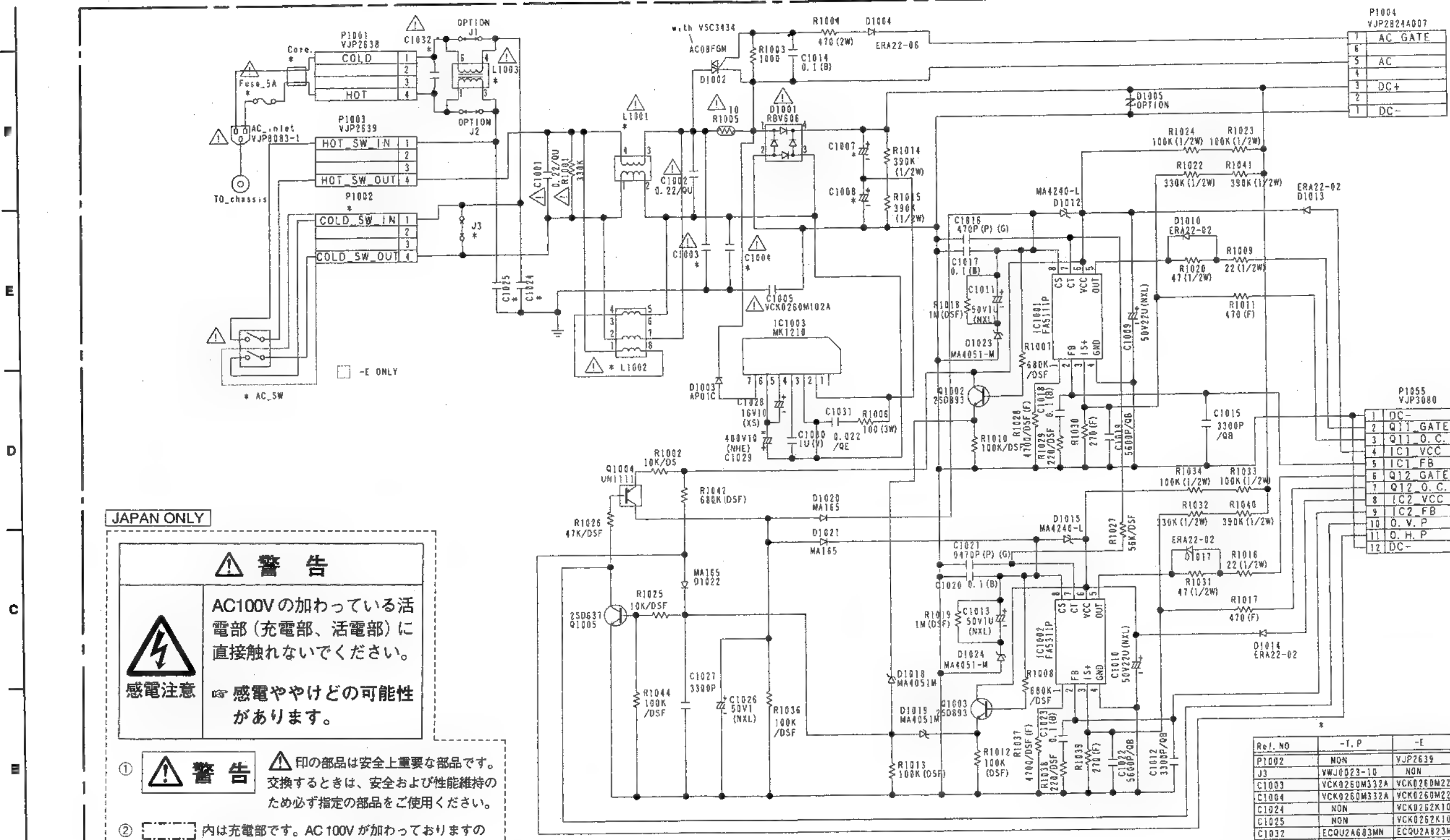
V/S JACK 2/3 SCHEMATIC DIAGRAM



V/S JACK 3/3 SCHEMATIC DIAGRAM



POWER 1 SCHEMATIC DIAGRAM



JAPAN ONLY



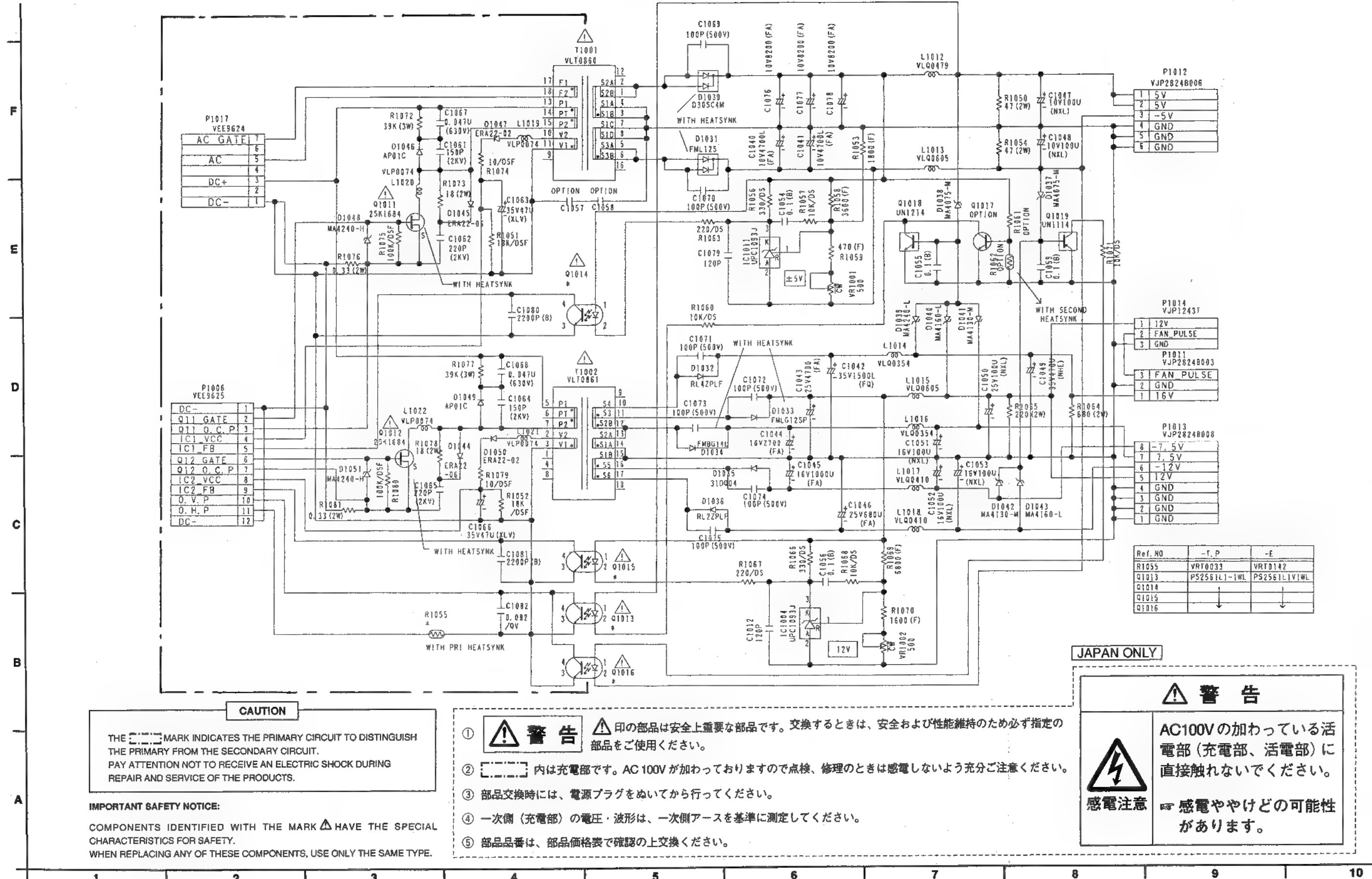
警告
AC100Vの加わっている活電部(充電部、活電部)に直接触れないでください。
感電注意 感電ややけどの可能性
があります。

- 警告** 印の部品は安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。
- 内は充電部です。AC 100V が加わっておりますので点検、修理のときは感電しないよう充分ご注意ください。
- 部品交換時には、電源プラグをぬいてから行ってください。
- 一次側(充電部)の電圧・波形は、一次側アースを基準に測定してください。
- 部品品番は、部品価格表で確認の上交換ください。

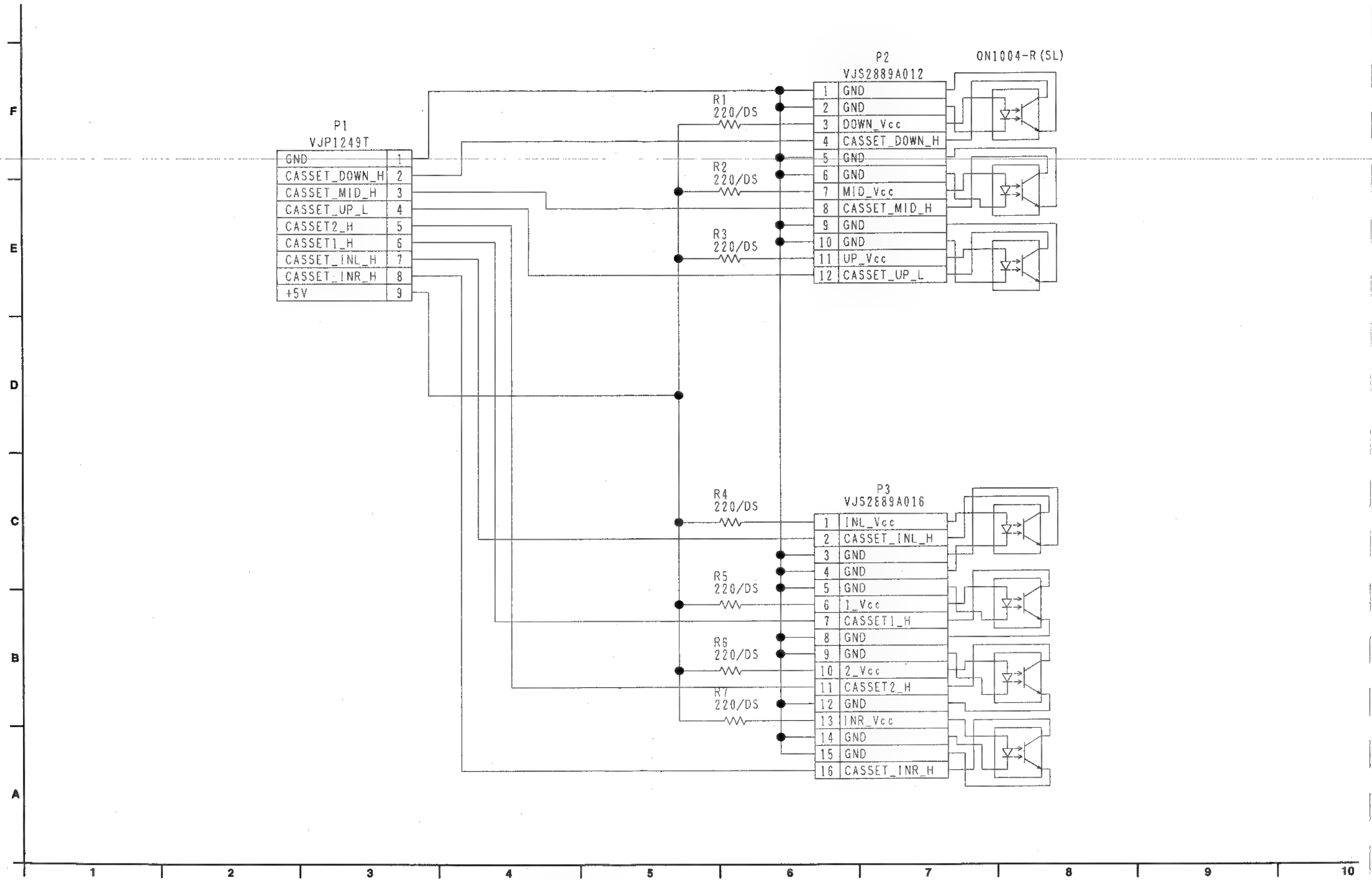
CAUTION
THE MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT. PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

Ref. NO	-I, P	-E
P1002	NON	VJP2639
J3	VWJ0023-10	NON
C1003	VCK0260M332A	VCK0260M222A
C1004	VCK0260M332A	VCK0260M222A
C1024	NON	VCK0262K101A
C1025	NON	VCK0262K101A
C1032	ECQU2A603MN	ECQU2A823MN
C1007	ECEC2E0681EB	ECEC2E0471XX
C1008	ECEC2E0681EB	ECEC2E0471XX
L1001	ELF180850C	NON
L1002	NON	ETQHC2R0A
L1003	ELF180608	ELF180604
Fuse	XBA1C50NB5	XBA2C50TH15
AC Primary	-T:EST15322R	EST153675
SW	-P:EST15372T	
Core	NON	

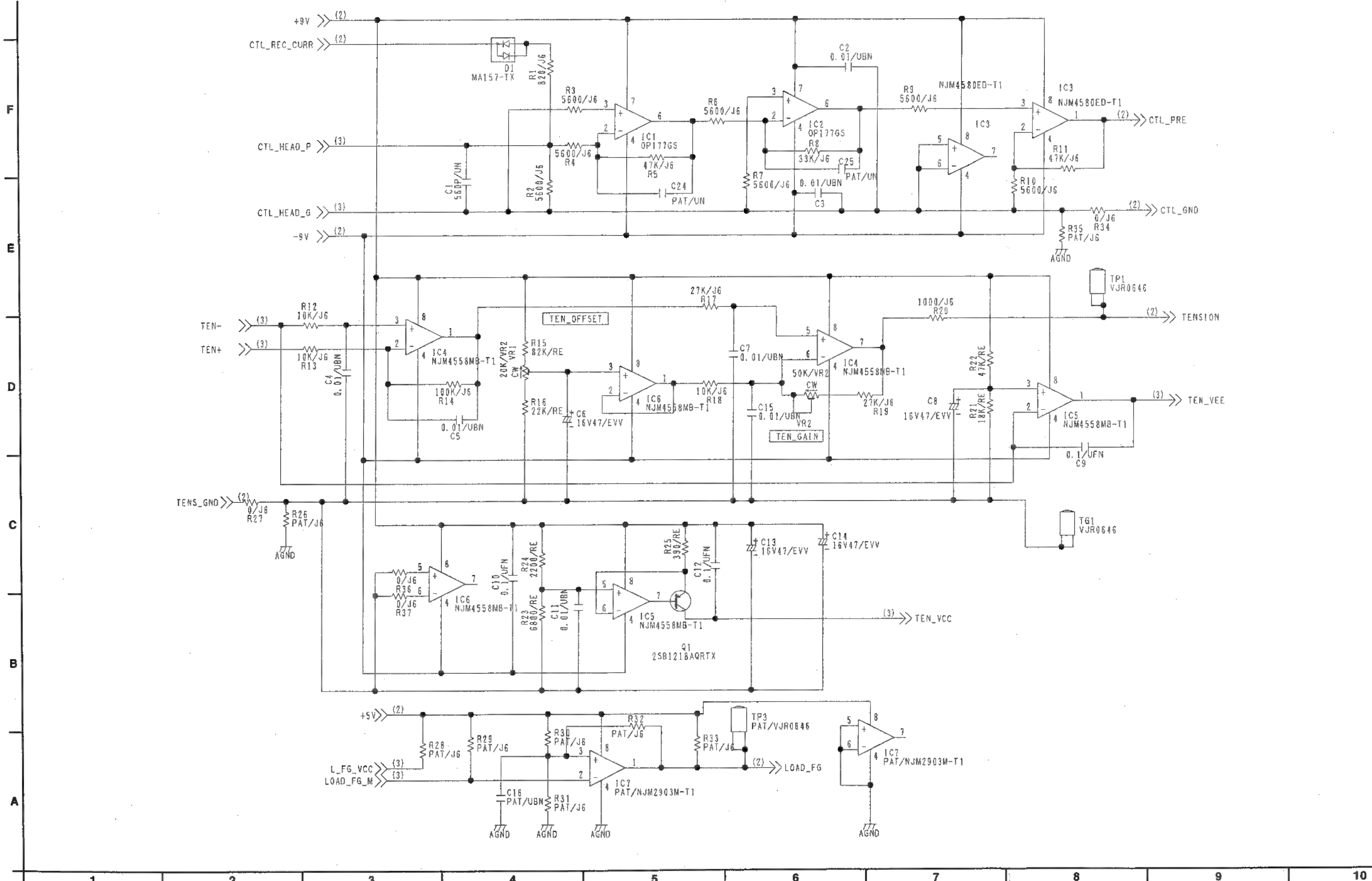
POWER 2 SCHEMATIC DIAGRAM



CARRIAGE SCHEMATIC DIAGRAM

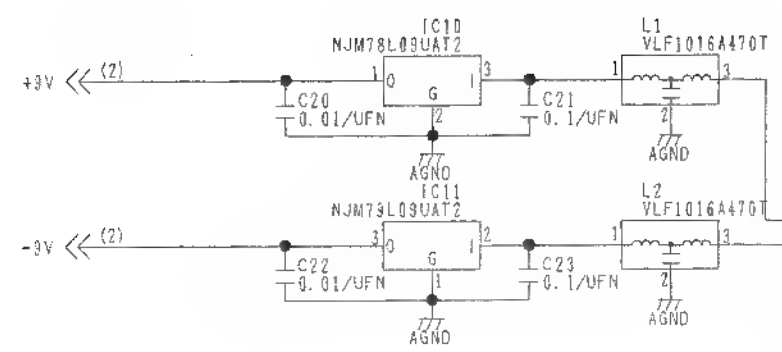


MECHA IF 1/4 SCHEMATIC DIAGRAM



MECHA IF 2/4 SCHEMATIC DIAGRAM

F
E
D
C
B
A



TO MOTHER

P1
VJP2891A030

1	AGND
2	AGND
3	AGND
4	+12V
5	-12V
6	+5V
7	R_STAND_L2S
8	R_STAND_S2L
9	PINCH_ON
10	PINCH_OFF
11	S_BRAKE_ON
12	S_BRAKE_OFF
13	T_BRAKE_ON
14	T_BRAKE_OFF
15	N_STOPPER_OFF
16	N_STOPPER_ON
17	TRM1
18	TRM2
19	TRM3
20	RM1
21	SRM2
22	SRM3
23	CAM1
24	CAM2
25	CAM3
26	CYL_M1
27	CYL_M2
28	CYL_M3
29	LOAD_FG
30	CLE_ON_H

TO MOTHER

P2
VJP3418A080

A	NO	B
CTL_REC_CURR	1	CTL_PRE
CYL_PF_GND	2	CTL_GND
S_FG1_M	3	S_FG2_M
S_FG_VCC	4	S_FG_GND
T_FG1_M	5	T_FG2_M
T_FG_VCC	6	T_FG_GND
CYL_PG+	7	CYL_PG+
CAP_FG1_M	8	CAP_FG2_M
CAP_FG_VCC	9	CAP_FG_GND
CAH3+	10	CAH3-
CAH2+	11	CAH2-
CAH1+	12	CAH1-
CAH_V+	13	CAH_V-
SRH3+	14	SRH3-
SRH2+	15	SRH2-
SRH1+	16	SRH1-
SRH_V+	17	SRH_V-
TRH3+	18	TRH3-
TRH2+	19	TRH2-
TRH1+	20	TRH1-
TRH_V+	21	TRH_V-
CYLH3+	22	CYLH3-
CYLH2+	23	CYLH2-
CYLH1+	24	CYLH1-
CYLH_V+	25	CYLH_V-
TENSION	26	TENS_GND
LOADING	27	UNLOADING
TAPE_START_L	28	TAPE_END_L
F_LOAD_IN	29	F_LOAD_OUT
TAPE_SENSOR_ON	30	REEL_POS1_H
REEL_POS2_H	31	CASSET_DOWN_L
SAFETY_TAB	32	MECHA_POS3_L
MECHA_POS2_L	33	MECHA_POS1_L
CASSET_DOWN_H	34	CASSET_UP_L
CASSET2_H	35	DEW_GND
CASSET1_H	36	DEW_ON_H
CASSET_INR_H	37	CASSET_INL_H
CASSET_MID_H	38	TAPE_SENSOR_GND
CASSET_POS_2	39	CASSET_POS_3
CLE_ON_H	40	CASSET_POS_1

(CHECK_LINE_2)

1 2 3 4 5 6 7 8 9 10

MECHA IF 3/4 SCHEMATIC DIAGRAM

F

E

D

C

B

A

MIC UNIT
P17
VJS38010010

1	
2	
3	SAFETY_TAB
4	AGND
5	AGND (MIC4)
6	CASSET_POS_3 (MIC3)
7	CASSET_POS_2 (MIC2)
8	CASSET_POS_1 (MIC1)
9	
10	

REEL STAND POS
P12
VJP3172D005

1	+5V
2	REEL_POS1_H
3	REEL_POS2_H
4	
5	AGND

MODE SW
P22
VJP3172D004

1	MECHA_POS1_L
2	MECHA_POS2_L
3	MECHA_POS3_L
4	AGND

LOADING MOTOR
P21
VJP3518D002

1	UNLOADING
2	LOADING

PINCH SOL
P20
VJP3518D003

1	PINCH_ON
2	
3	PINCH_OFF

② C102
50V100

M STOPPER SOL
P24
VJP3518D002

1	M_STOPPER_ON
2	M_STOPPER_OFF

T SENSOR
P19
VJP3172D002

1	TAPE_START_L
2	AGND

T BRK SOL
P18
VJP3518D002

1	T_BRAKE_ON
2	T_BRAKE_OFF

FRONT MOTOR
P25
VJP1238T

1	F_LOAD_IN
2	
3	F_LOAD_OUT

CARRIGE
P26
VJP1236T

1	+5V
2	CASSET_INR_H
3	CASSET_INL_H
4	CASSET1_H
5	CASSET2_H
6	CASSET_UP_L
7	CASSET_WID_H
8	CASSET_DOWN_H
9	AGND

REEL STAND MOTOR
P16
VJP3518D003

1	R_STAND_L2S
2	
3	R_STAND_S2L

S BRK SOL
P15
VJP3518D002

1	S_BRAKE_ON
2	S_BRAKE_OFF

TOHDAI
P14
VJP3172D003

1	TAPE_SENSOR_ON
2	
3	TAPE_SENSOR_GND

S SENSOR
P13
VJP3172D002

1	TAPE_END_L
2	AGND

DEW
P11
VJP3172D002

1	DEW_ON_H
2	DEW_GND

LOADING MOTOR FG
P23
VJP3172D004

1	L_FG_VCC
2	LOAD_FG_M
3	
4	AGND

T REEL
P35
VJS2889A017

1	T_FG_VCC
2	T_FG1_M
3	T_FG_GND
4	T_FG2_M
5	TRH_V-
6	TRH3-
7	TRH_V+
8	TRH3+
9	TRM1
10	TRH2-
11	TRH_V+
12	TRH2+
13	TRM3
14	TRH1-
15	TRH_V+
16	TRH1+
17	TRM2

S REEL
P34
VJS2889A017

1	S_FG_VCC
2	S_FG1_M
3	S_FG_GND
4	S_FG2_M
5	SRH_V-
6	SRH3-
7	SRH_V+
8	SRH3+
9	SRM1
10	SRH2-
11	SRH_V+
12	SRH2+
13	SRM3
14	SRH1-
15	SRH_V+
16	SRH1+
17	SRM2

CLEANING SOL
P48
VJP3125D002

1	CLEANING_GND
2	CLEANING_ON

AGND

CASSET DOWN
P41
VJP3172D002

1	CAST_DOWN_L
2	AGND

CYL
P33
VJS3406D015

1	CYLH3-
2	CYLH3+
3	CYLH2-
4	CYLH2+
5	CYLH1-
6	CYLH1+
7	CYLH_V-
8	CYLH_V+
9	CYL_FG+
10	CYL_PF_GND (CYL_FG-)
11	CYL_PG+
12	CYL_PF_GND (CYL_FG-)
13	CYL_M1
14	CYL_M2
15	CYL_M3

TENSION
P32
VJP3172D004

1	TEN_VCC
2	TEN+
3	TEN_VEE
4	TEN-

CTL
P30
VJP3172D003

1	CTL_HEAD_P
2	
3	CTL_HEAD_G

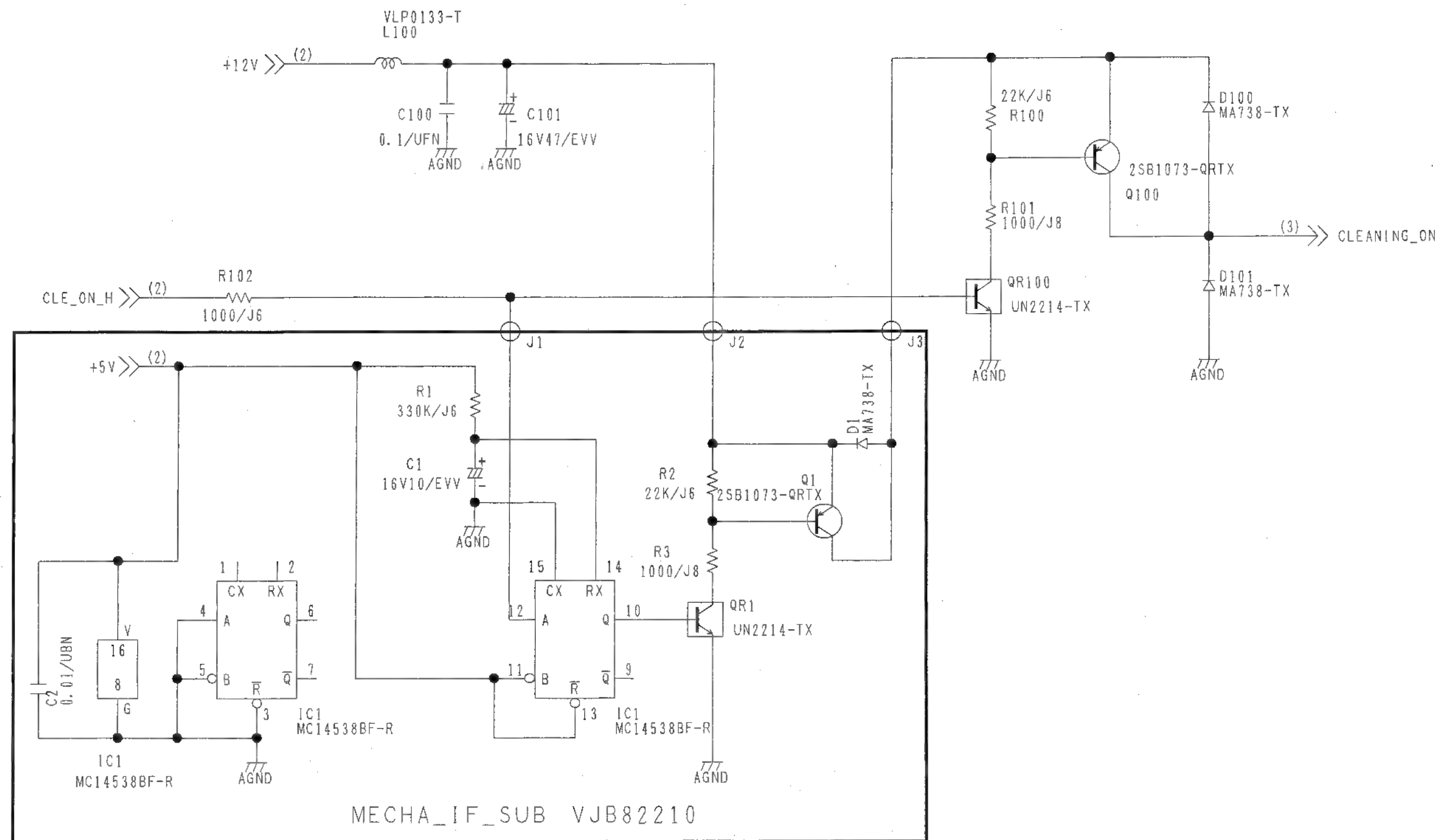
CAPSTAN
P36
VJS3406D019

1	CAP_FG2_M
2	CAP_FG_GND
3	CAP_FG1_M
4	CAP_FG_VCC
5	CAM3
6	CAM2
7	CAH_V+
8	CAH2+
9	CAH_V-
10	CAH2-
11	CAH1-
12	CAH_V+
13	CAH1+
14	CAH_V-
15	CAH_V+
16	CAH3-
17	CAH_V+
18	CAH3+
19	CAM1

1 2 3 4 5 6 7 8 9 10

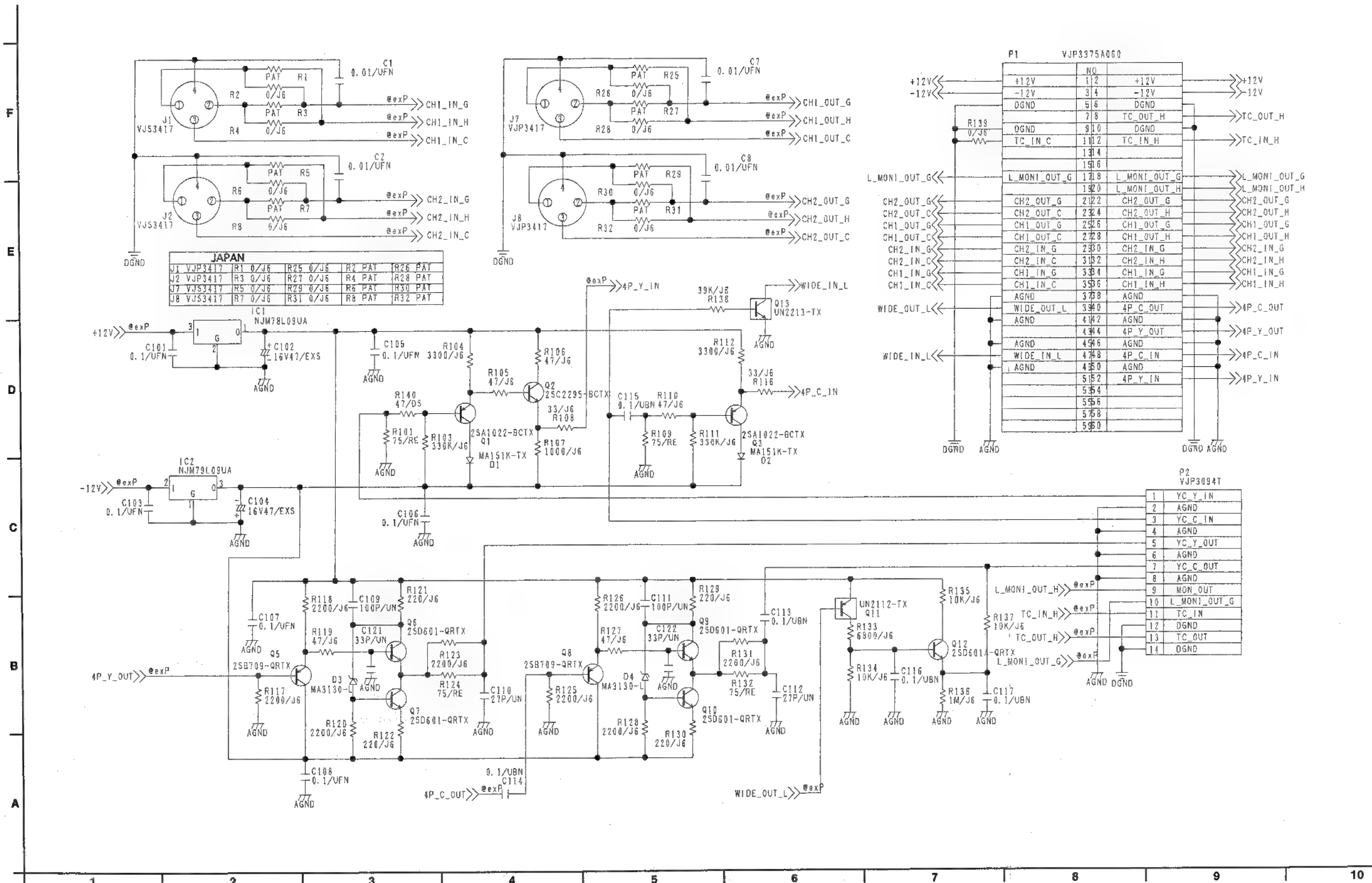
MECHA IF 4/4 SCHEMATIC DIAGRAM

F
E
D
C
B
A

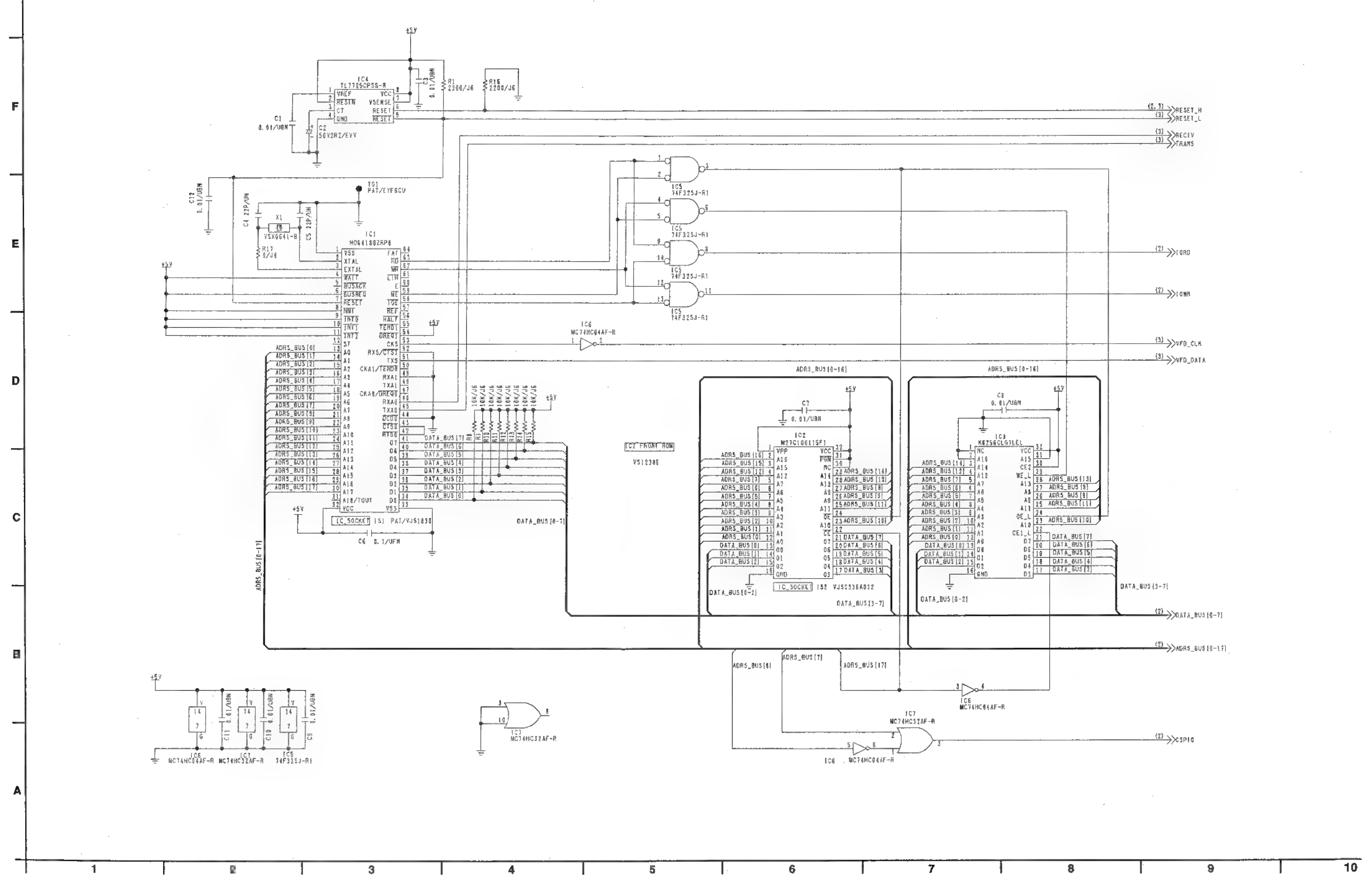


MECHA_IF_SUB VJB82210

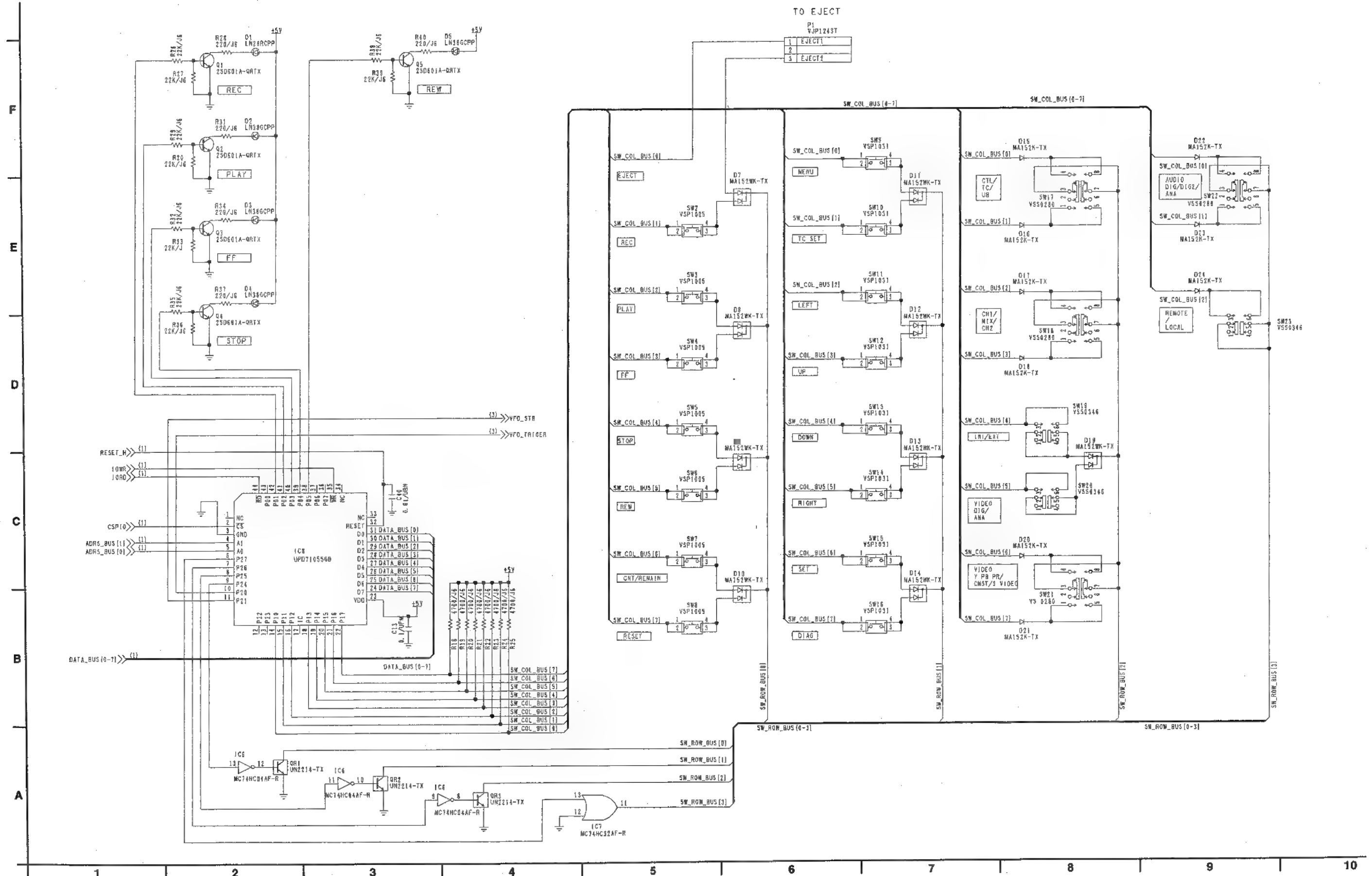
A JACK SCHEMATIC DIAGRAM



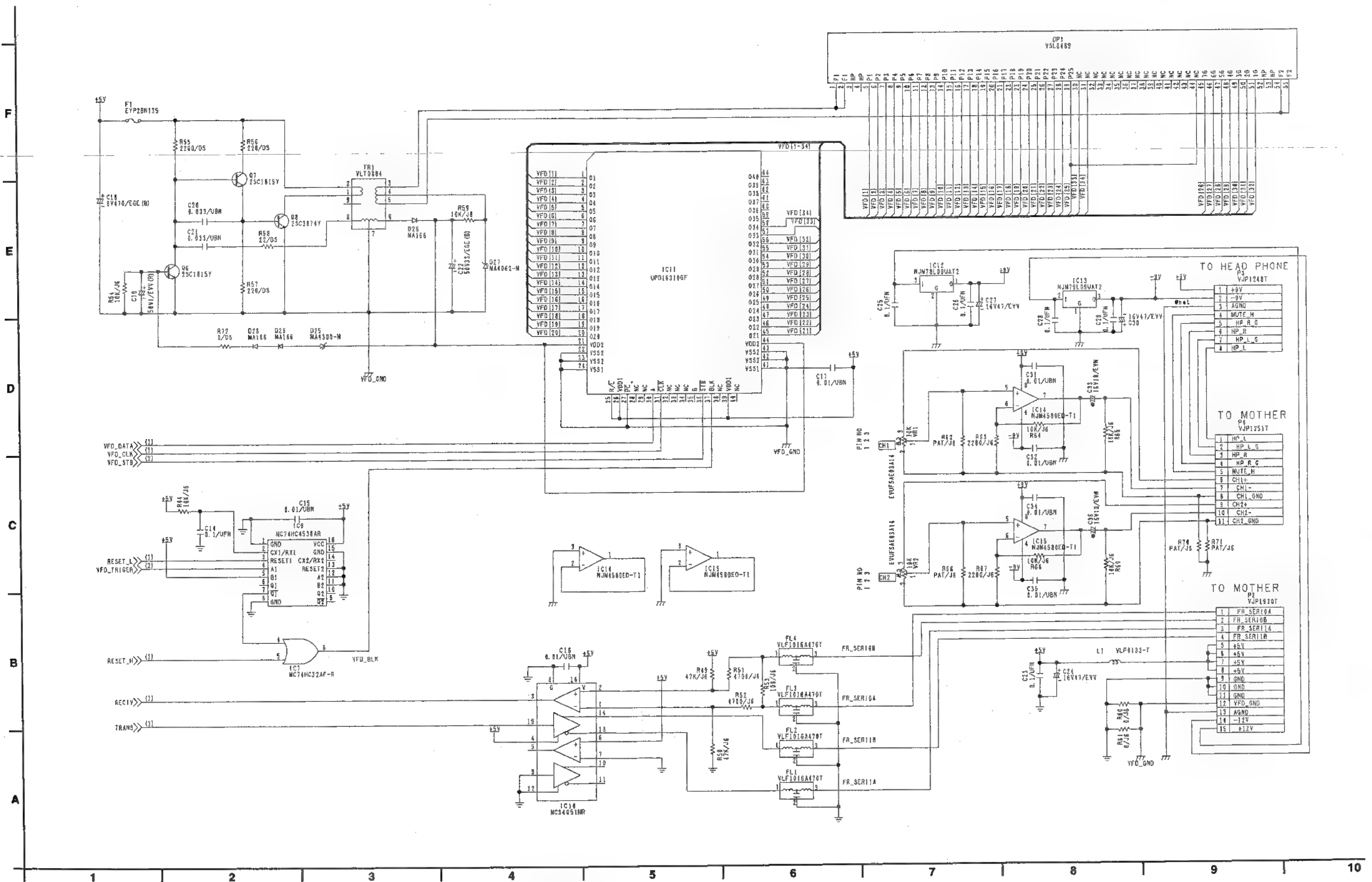
FRONT 1/3 (CPU) SCHEMATIC DIAGRAM



FRONT 2/3 (LED, SW) SCHEMATIC DIAGRAM

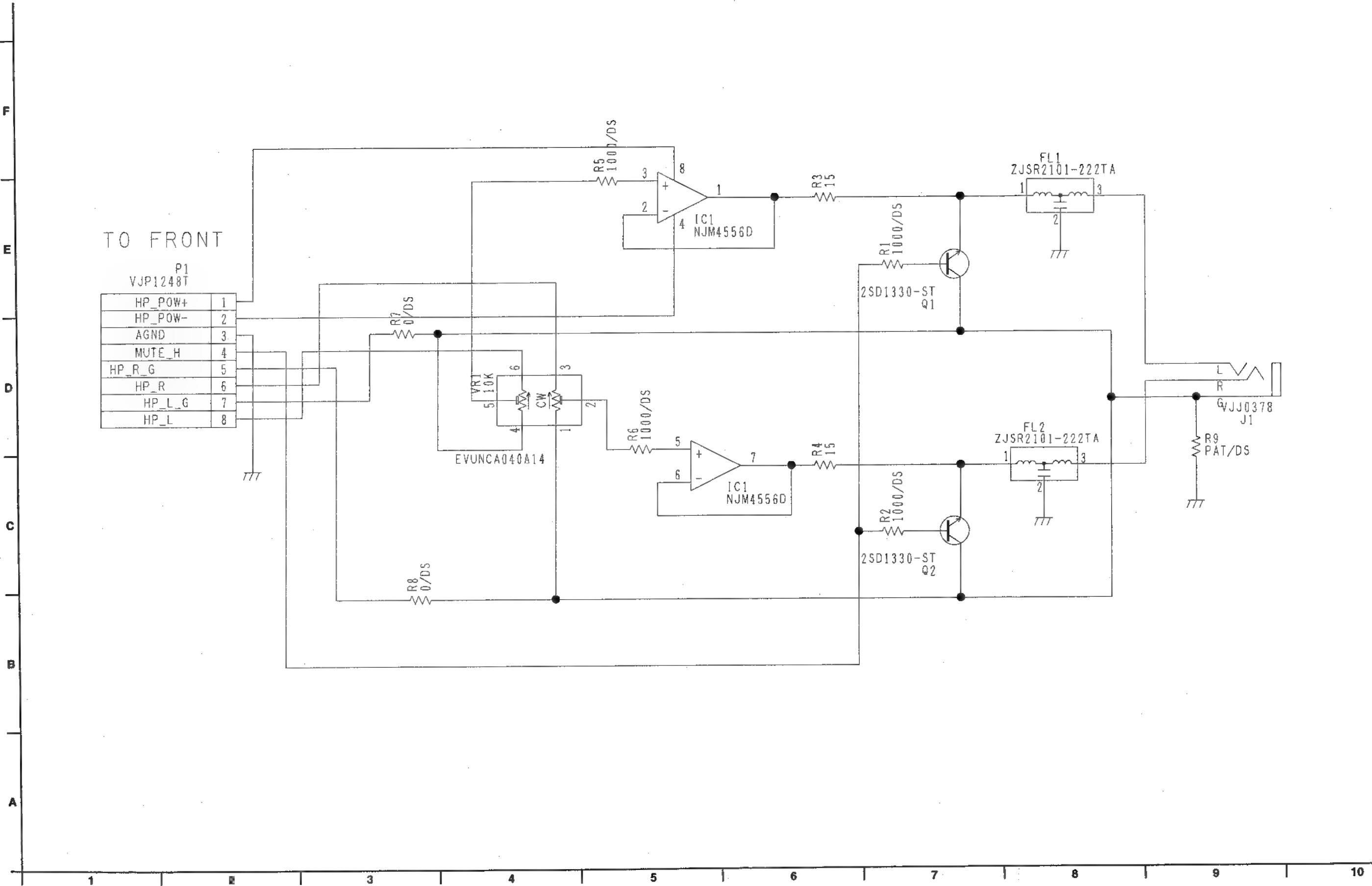


FRONT 3/3 (VFD, VR) SCHEMATIC DIAGRAM

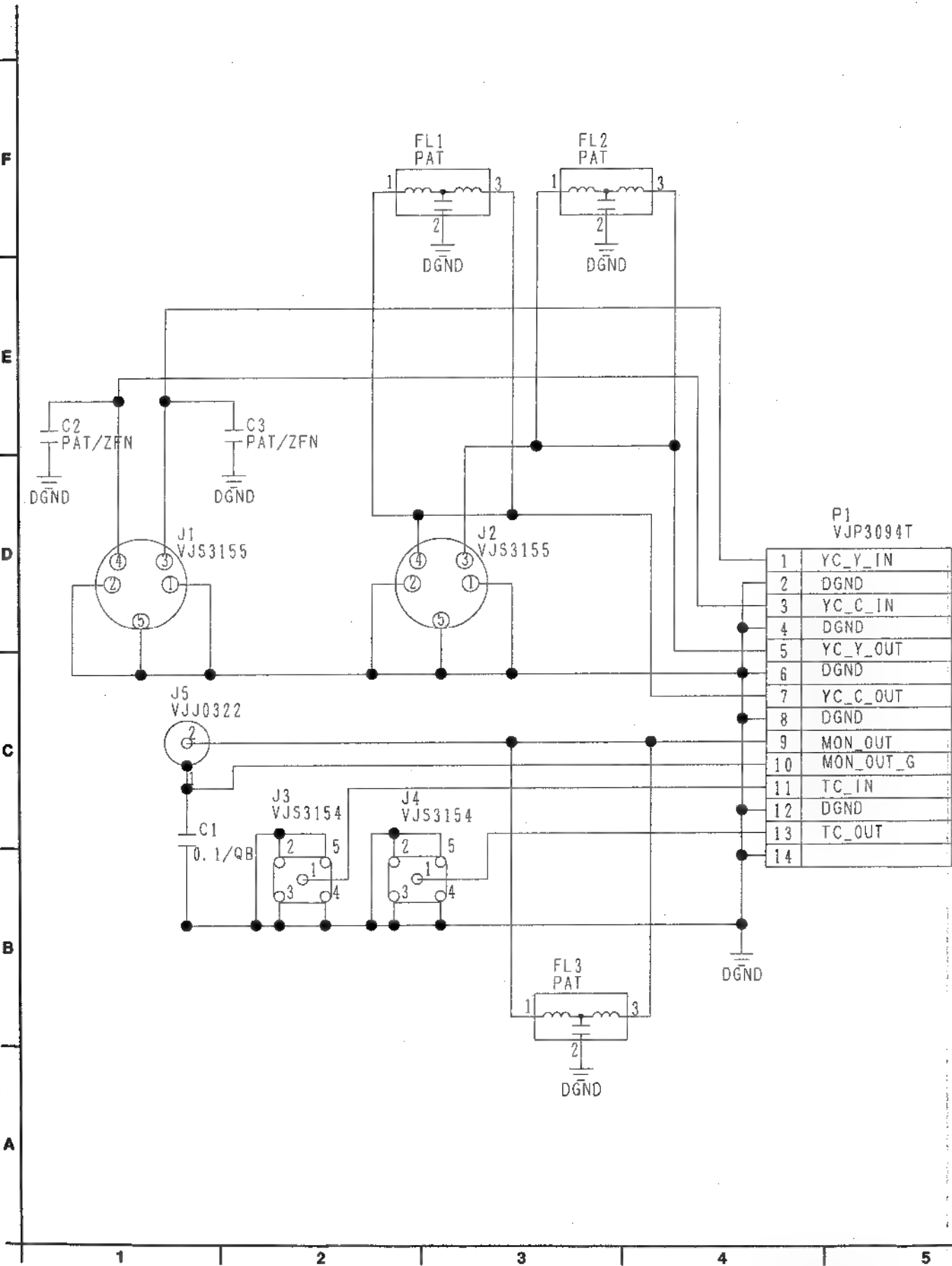


REVERSE SIDE
FRONT 2/3

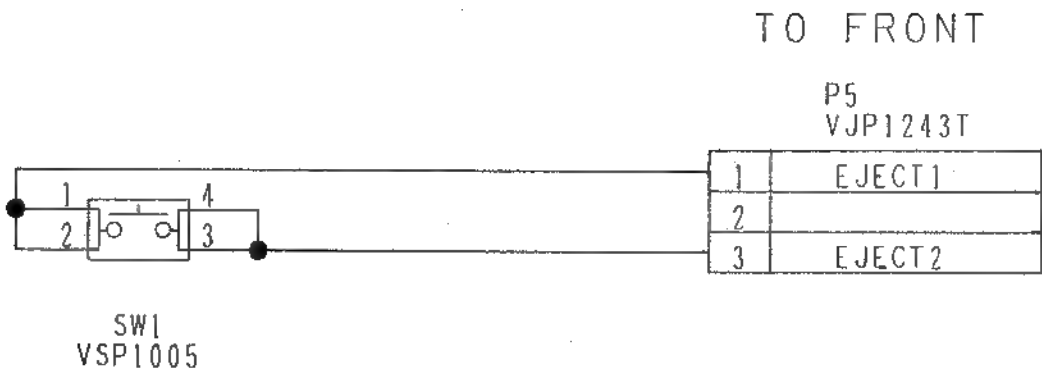
HEADPHONE SCHEMATIC DIAGRAM



SUB JACK SCHEMATIC DIAGRAM



EJECT SCHEMATIC DIAGRAM



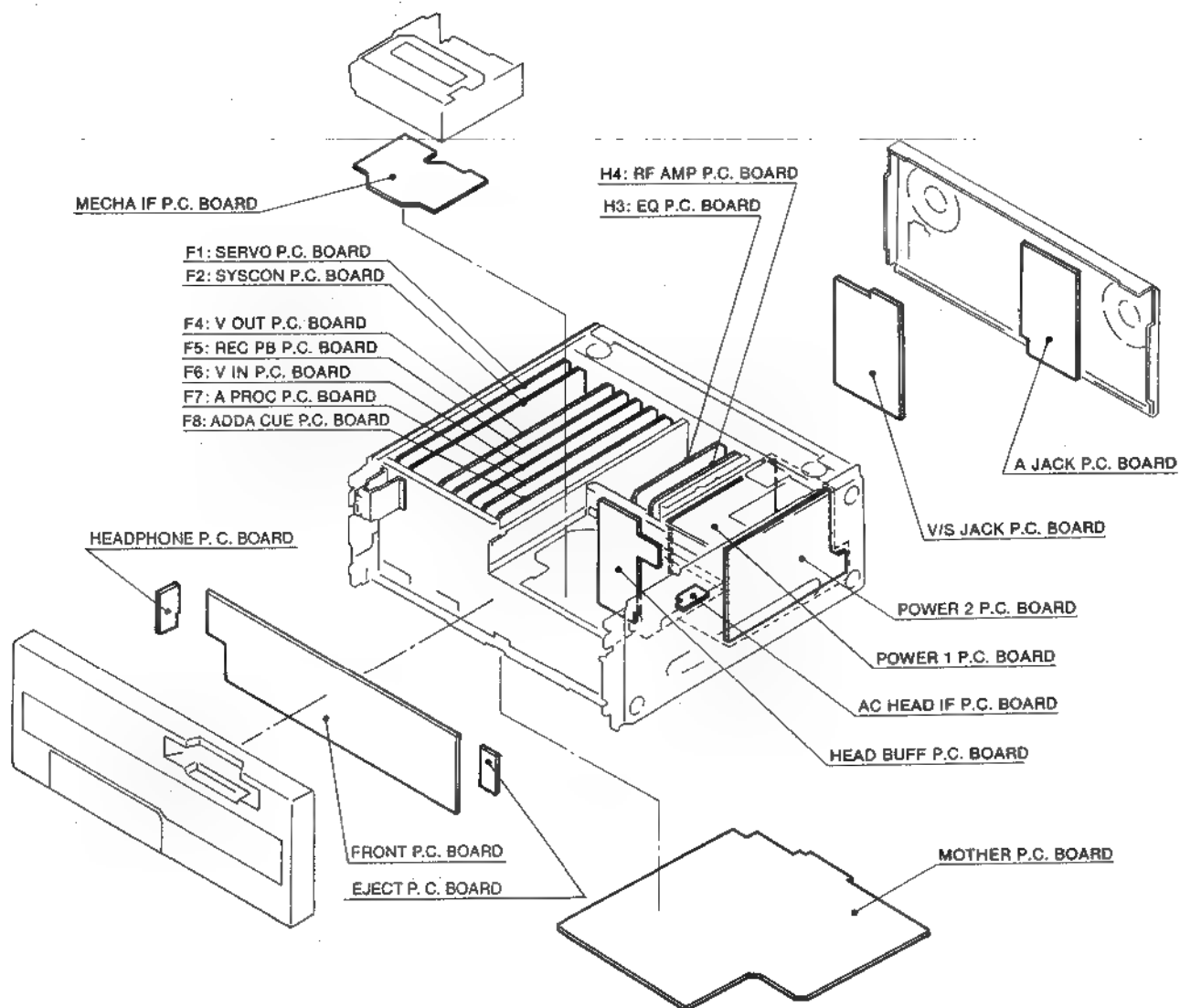
SECTION 3

CIRCUIT BOARDS

CONTENTS

CIRCUIT BOARD LOCATION	3-1
F1 SERVO P.C. BOARD	3-3
F2 SYSCON P.C. BOARD	3-4
F4 V OUT P.C. BOARD	3-5
F5 REC PB P.C. BOARD	3-6
F6 V IN P.C. BOARD	3-7
F7 A PROC P.C. BOARD	3-8
F8 ADDA CUE P.C. BOARD	3-9
H3 EQ P.C. BOARD	3-10
H4 RF AMP P.C. BOARD	3-11
FRONT P.C. BOARD	3-12
EJECT P.C. BOARD	3-12
HEAD BUFFER P.C. BOARD	3-13
POWER 1 P.C. BOARD	3-14
POWER 2 P.C. BOARD	3-15
MECA IF P.C. BOARD	3-16
A JACK P.C. BOARD	3-17
V/S JACK P.C. BOARD	3-17
MOTHER P.C. BOARD	3-18

CIRCUIT BOARD LOCATION



FI SERVO									
Transistors			IC84	E-1	Ⓢ	IC401	B-5	Ⓢ	
Q1	E-4	Ⓢ	IC86	E-1	Ⓢ	IC402	C-4	Ⓢ	
Q2	E-4	Ⓢ	IC88	E-2	Ⓢ	IC403	D-4	Ⓢ	
Q3	E-4	Ⓢ	IC87	D-1	Ⓢ	IC404	C-4	Ⓢ	
Q4	E-4	Ⓢ	IC88	D-1	Ⓢ	IC450	B-3		
Q5	E-4	Ⓢ	IC89	D-2	Ⓢ	IC451	A-4		
Q6	D-4	Ⓢ	IC70	E-1	Ⓢ	IC452	B-3	Ⓢ	
Q340	C-1		IC71	E-1	Ⓢ	IC500	C-3	Ⓢ	
Q341	C-1		IC72	D-2	Ⓢ	IC510	I-4	Ⓢ	
Q380	B-1		IC73	D-1	Ⓢ	IC511	I-4	Ⓢ	
Q381	C-1		IC74	D-2	Ⓢ	IC512	I-4	Ⓢ	
Q400	A-1		IC80	E-3	Ⓢ	IC513	I-4	Ⓢ	
Q401	A-1		IC81	D-3	Ⓢ	IC514	I-4	Ⓢ	
Q402	B-1		IC82	D-2	Ⓢ	IC515	I-4	Ⓢ	
Q403	B-1		IC83	D-2	Ⓢ	IC516	I-4	Ⓢ	
Q500	C-4	Ⓢ	IC120	C-3	Ⓢ	IC517	I-4	Ⓢ	
Q501	C-4	Ⓢ	IC121	C-3	Ⓢ	IC600	C-2	Ⓢ	
Q510	C-4	Ⓢ	IC160	C-2	Ⓢ	Test Points			
Q511	C-4	Ⓢ	IC181	C-3	Ⓢ				
Transistor-Resistors			IC182	D-3	Ⓢ	TP1	E-4		
			IC200	G-4	Ⓢ	TP2	D-4	Ⓢ	
QR1	E-4	Ⓢ	IC201	G-4	Ⓢ	TP30	E-4		
QR2	E-4	Ⓢ	IC202	G-4	Ⓢ	TP31	E-2		
QR3	E-4	Ⓢ	IC203	F-4	Ⓢ	TP32	E-3	Ⓢ	
QR4	D-4	Ⓢ	IC204	G-2	Ⓢ	TP33	E-3	Ⓢ	
QR5	D-4	Ⓢ	IC205	G-4	Ⓢ	TP34	F-3		
QR6	D-4	Ⓢ	IC207	G-4	Ⓢ	TP35	F-3		
QR7	D-4	Ⓢ	IC230	I-1	Ⓢ	TP60	D-2		
QR8	D-4	Ⓢ	IC231	I-3	Ⓢ	TP80	D-2		
QR81	E-3	Ⓢ	IC235	I-1	Ⓢ	TP81	E-2		
QR82	D-3	Ⓢ	IC236	I-3	Ⓢ	TP82	D-2		
QR83	D-3	Ⓢ	IC237	H-2	Ⓢ	TP83	E-2		
QR84	D-3	Ⓢ	IC238	I-2	Ⓢ	TP120	C-2		
QR85	E-3	Ⓢ	IC239	I-2	Ⓢ	TP121	F-2		
QR120	C-3	Ⓢ	IC240	H-2	Ⓢ	TP122	C-2		
QR121	C-3	Ⓢ	IC241	F-3	Ⓢ	TP123	F-2		
QR122	C-3	Ⓢ	IC260	H-3	Ⓢ	TP160	C-2		
QR123	C-3	Ⓢ	IC261	J-3	Ⓢ	TP161	D-2		
QR124	C-3	Ⓢ	IC262	I-3	Ⓢ	TP162	C-2		
QR160	C-3	Ⓢ	IC263	I-3	Ⓢ	TP163	E-2		
QR161	C-3	Ⓢ	IC264	J-4	Ⓢ	TP200	G-4	Ⓢ	
QR162	D-3	Ⓢ	IC265	F-3	Ⓢ	TP201	G-4		
QR163	D-3	Ⓢ	IC266	G-3	Ⓢ	TP202	G-4	Ⓢ	
QR164	D-3	Ⓢ	IC267	G-3	Ⓢ	TP230	H-1		
QR340	A-2	Ⓢ	IC268	G-3	Ⓢ	TP231	D-1		
QR341	A-2	Ⓢ	IC269	F-3	Ⓢ	TP232	D-1		
QR400	B-2	Ⓢ	IC280	F-1	Ⓢ	TP233	E-1		
QR401	B-3	Ⓢ	IC281	F-1	Ⓢ	TP234	E-1		
QR600	B-5	Ⓢ	IC282	G-2	Ⓢ	TP280	F-1		
QR801	C-5	Ⓢ	IC300	H-2	Ⓢ	TP300	F-1		
Integrated Circuits			IC301	G-3	Ⓢ	TP301	F-1		
			IC302	G-2	Ⓢ	TP302	H-3		
IC1	E-4	Ⓢ	IC303	H-3	Ⓢ	TP320	G-3		
IC2	D-4	Ⓢ	IC304	G-2	Ⓢ	TP321	F-1		
IC3	E-4	Ⓢ	IC305	G-2	Ⓢ	TP400	A-4		
IC30	E-3	Ⓢ	IC320	H-4	Ⓢ	TP401	B-4		
IC31	E-3	Ⓢ	IC321	H-4	Ⓢ	TP450	B-3		
IC32	E-4	Ⓢ	IC322	H-3	Ⓢ	TP451	A-3		
IC33	E-3	Ⓢ	IC323	H-4	Ⓢ	TP500	B-4	Ⓢ	
IC34	E-2	Ⓢ	IC324	H-3	Ⓢ	TG510	F-1		
IC35	E-3	Ⓢ	IC325	H-3	Ⓢ	TG511	F-4		
IC60	E-2	Ⓢ	IC326	H-3	Ⓢ	Connectors			
IC61	D-1	Ⓢ	IC340	B-2	Ⓢ				
IC63	E-2	Ⓢ	IC341	A-2	Ⓢ	P1	G-5		
			IC342	A-2	Ⓢ	P2	C-5		
			IC400	A-4	Ⓢ				

ADDRESS INFORMATION
 Ⓢ... COMPONENT SIDE
 Ⓢ... FOIL SIDE

F1 SERVO P.C. BOARD (VEP82105A: AJ-D650/D640/D650P/D640P / VEP82105B: AJ-D650E/D640E)

F1 SERVO

A

1

2

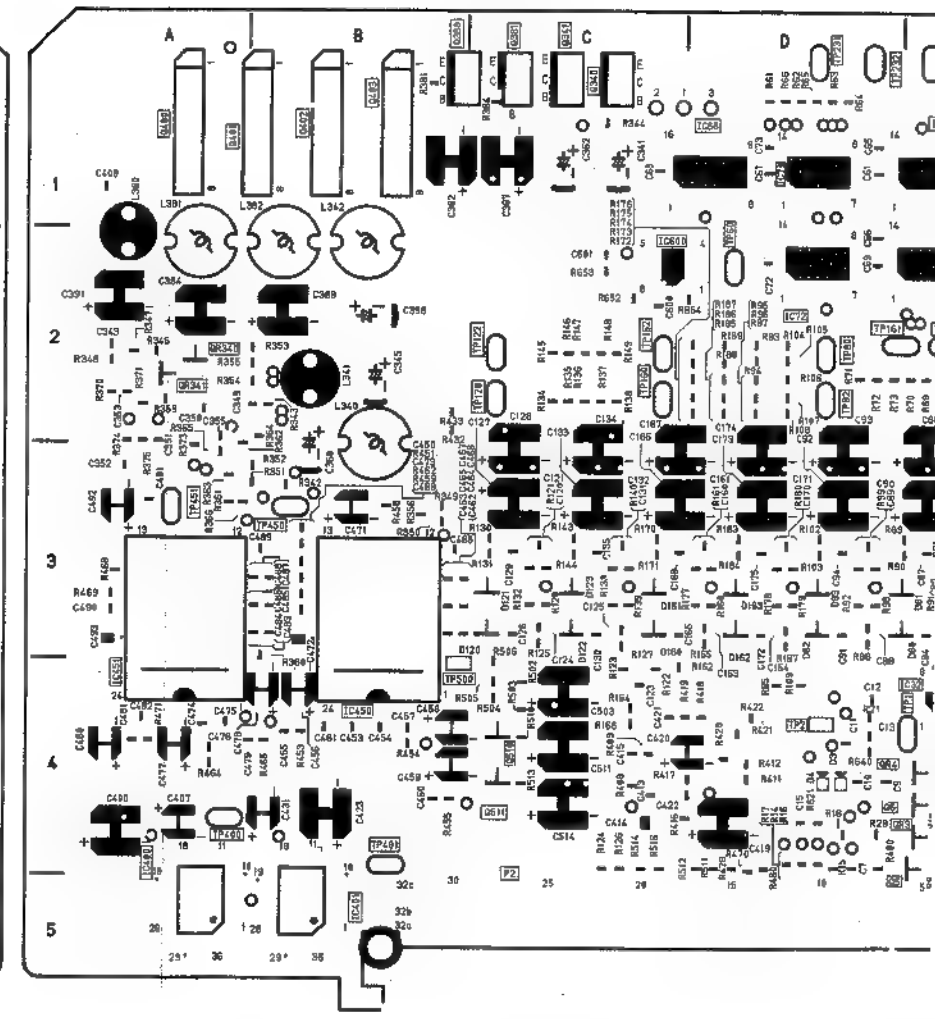
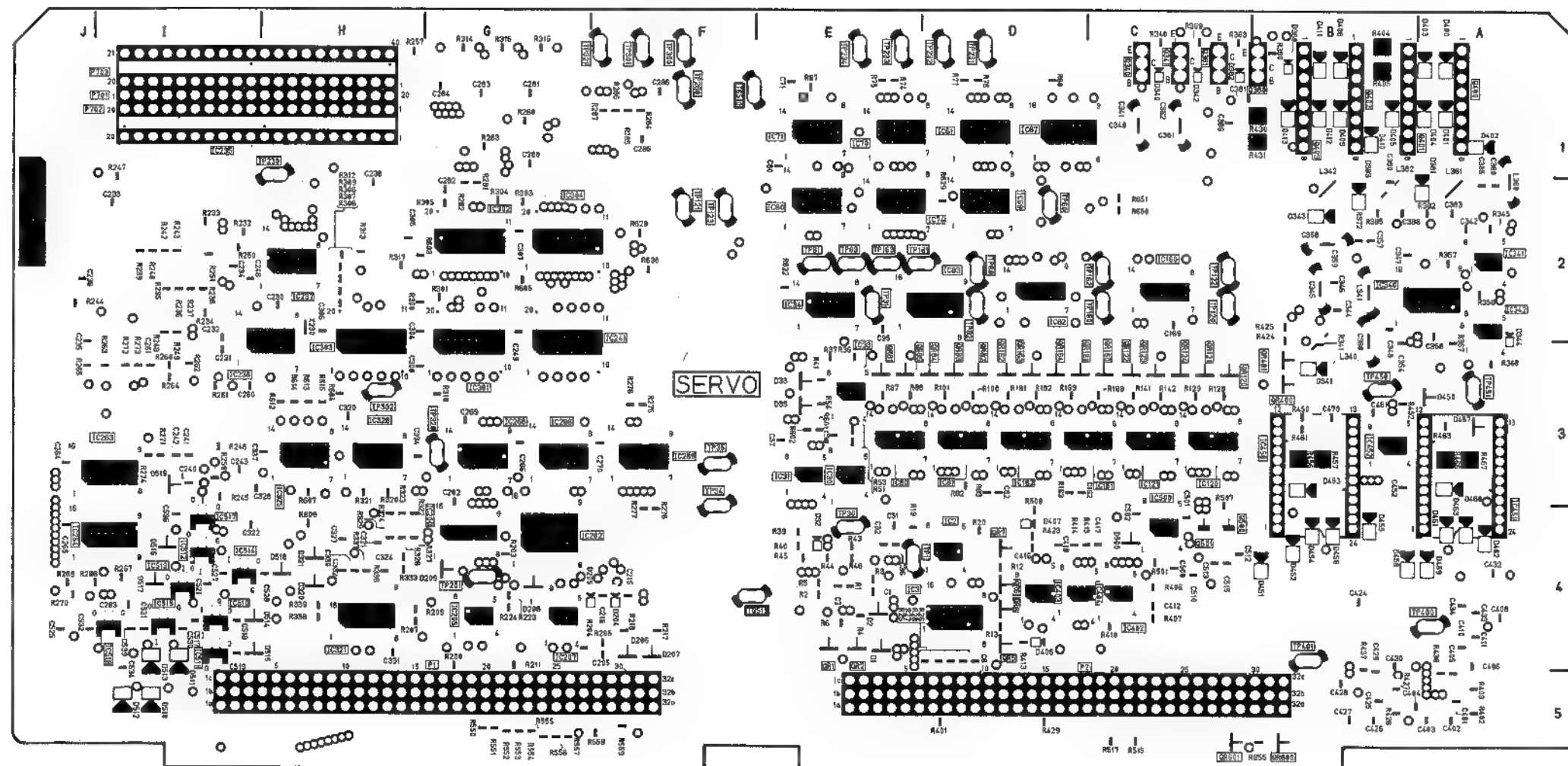
TP451

3

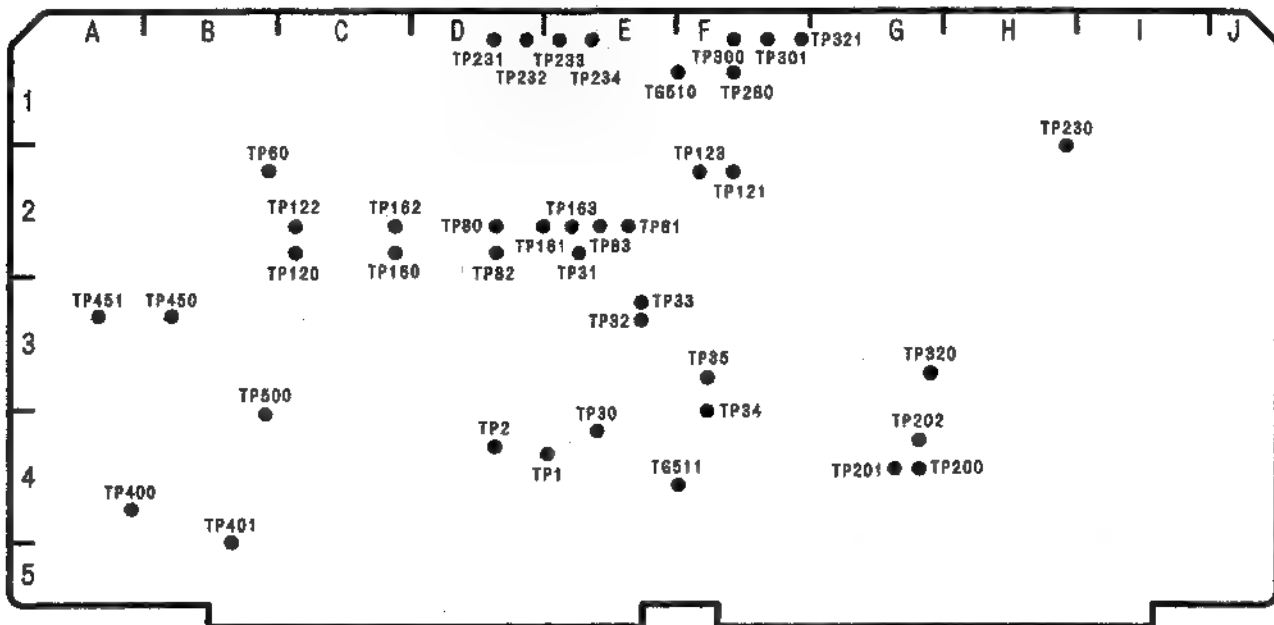
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TP40

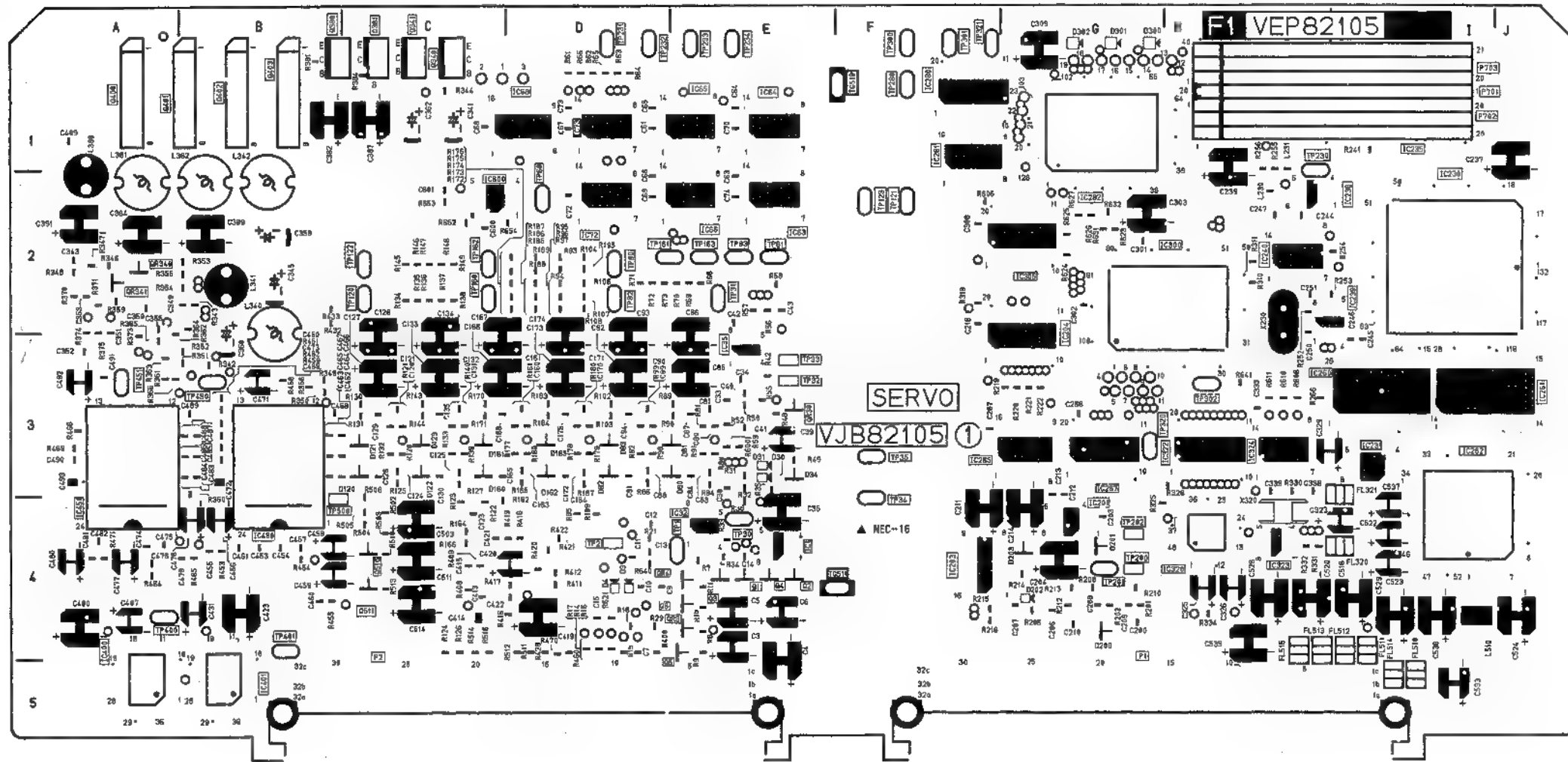
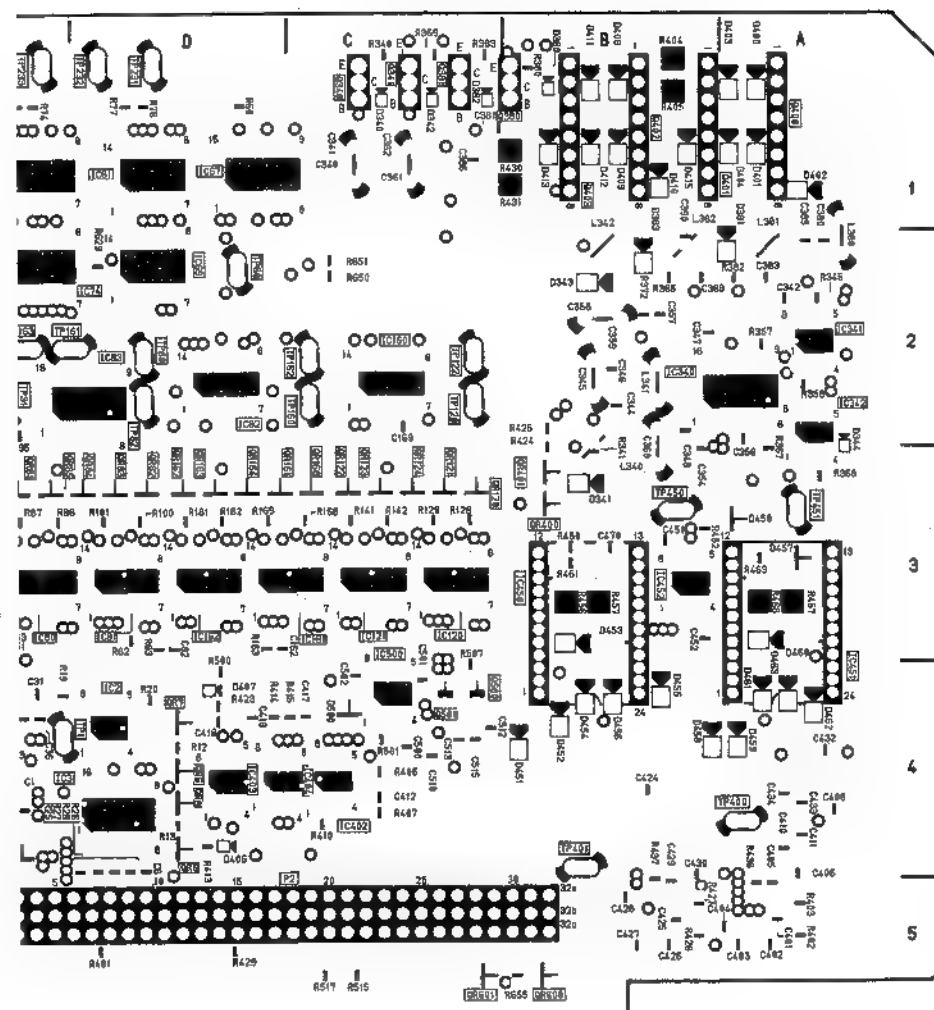
5



F1 SERVO P. C. BOARD

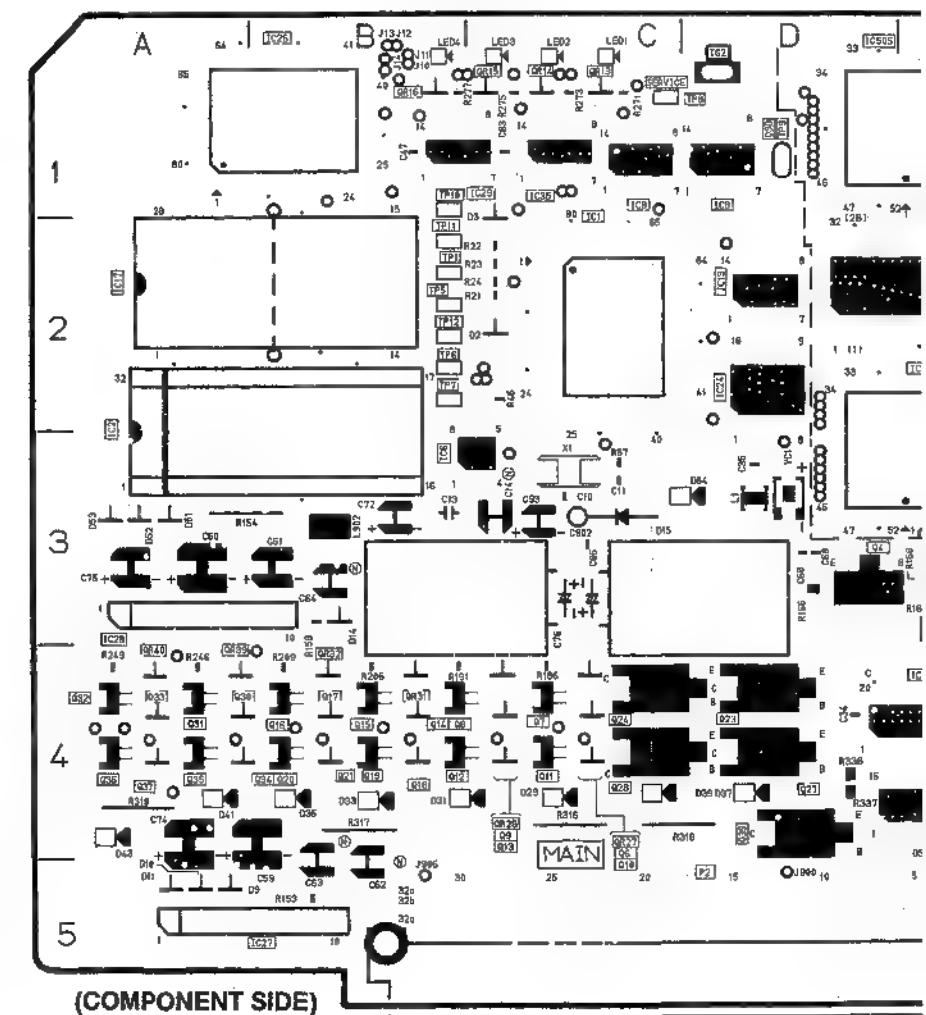


(COMPONENT SIDE)



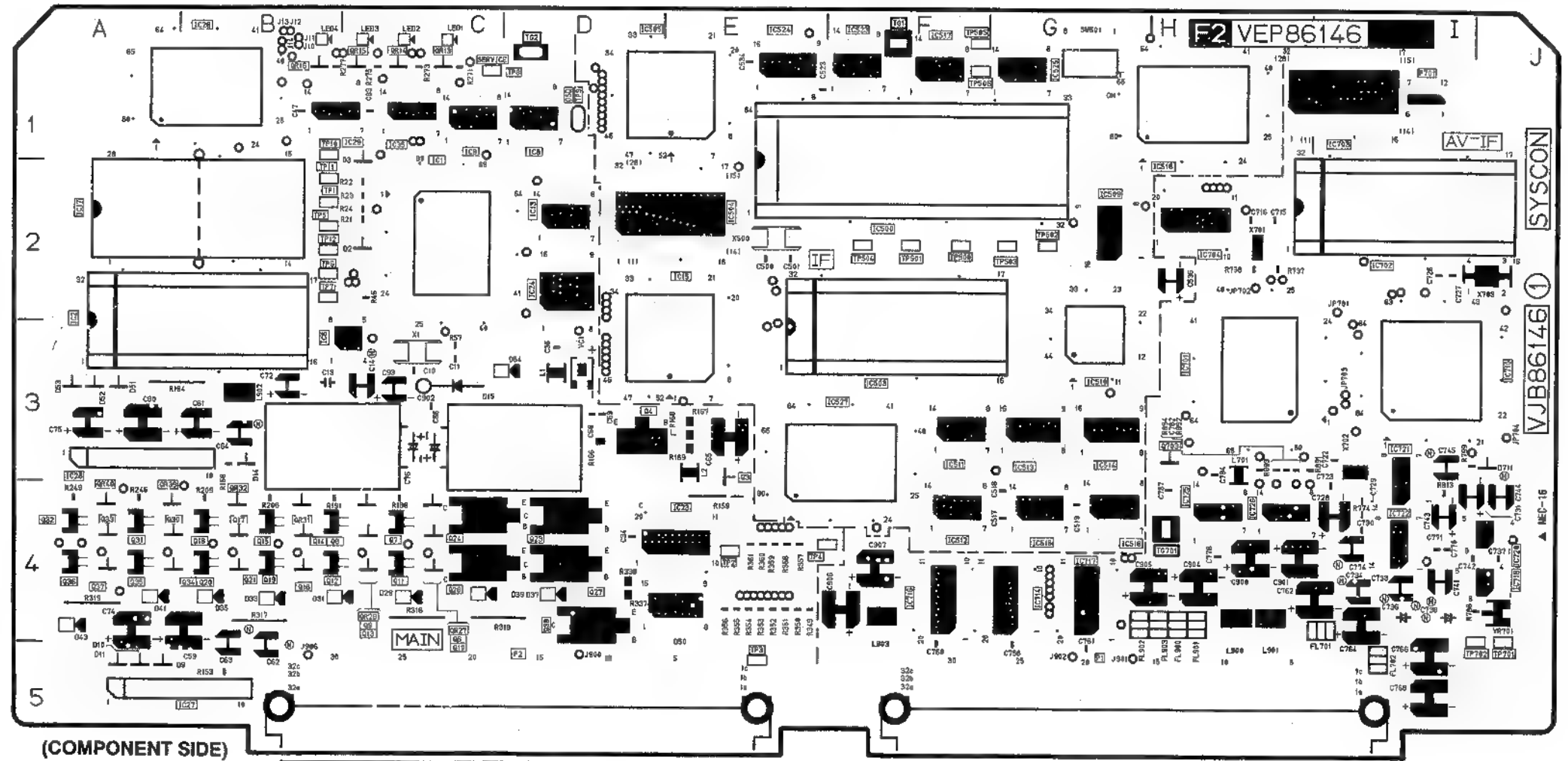
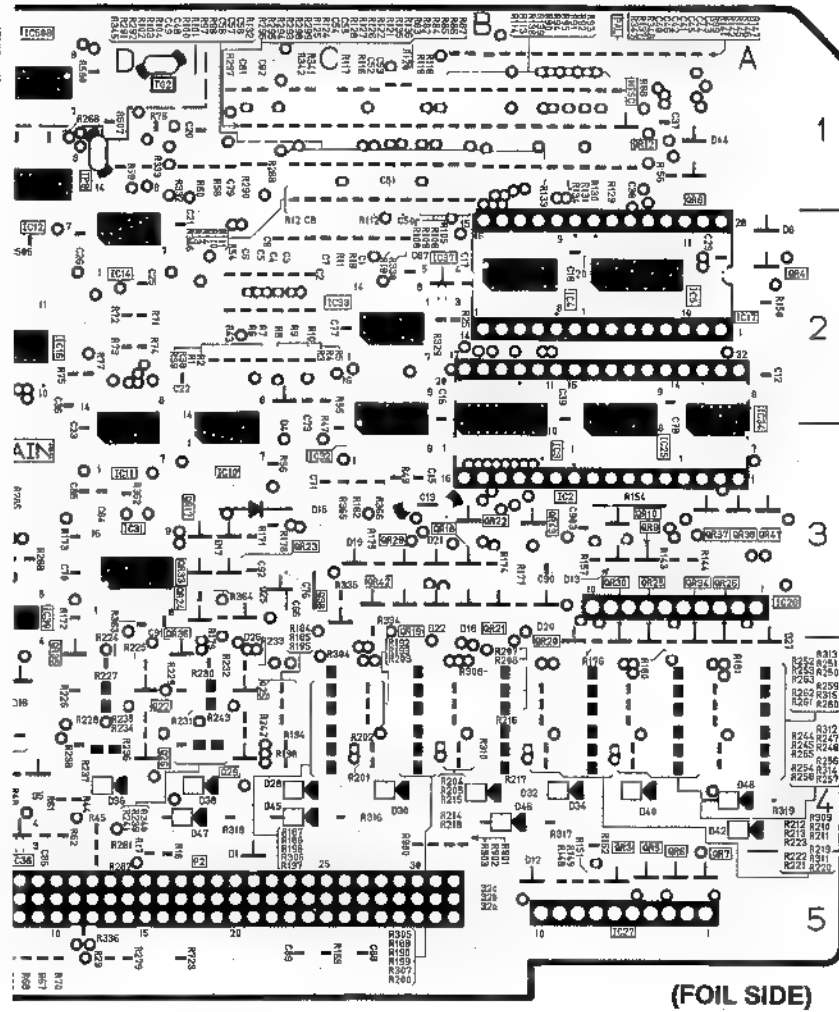
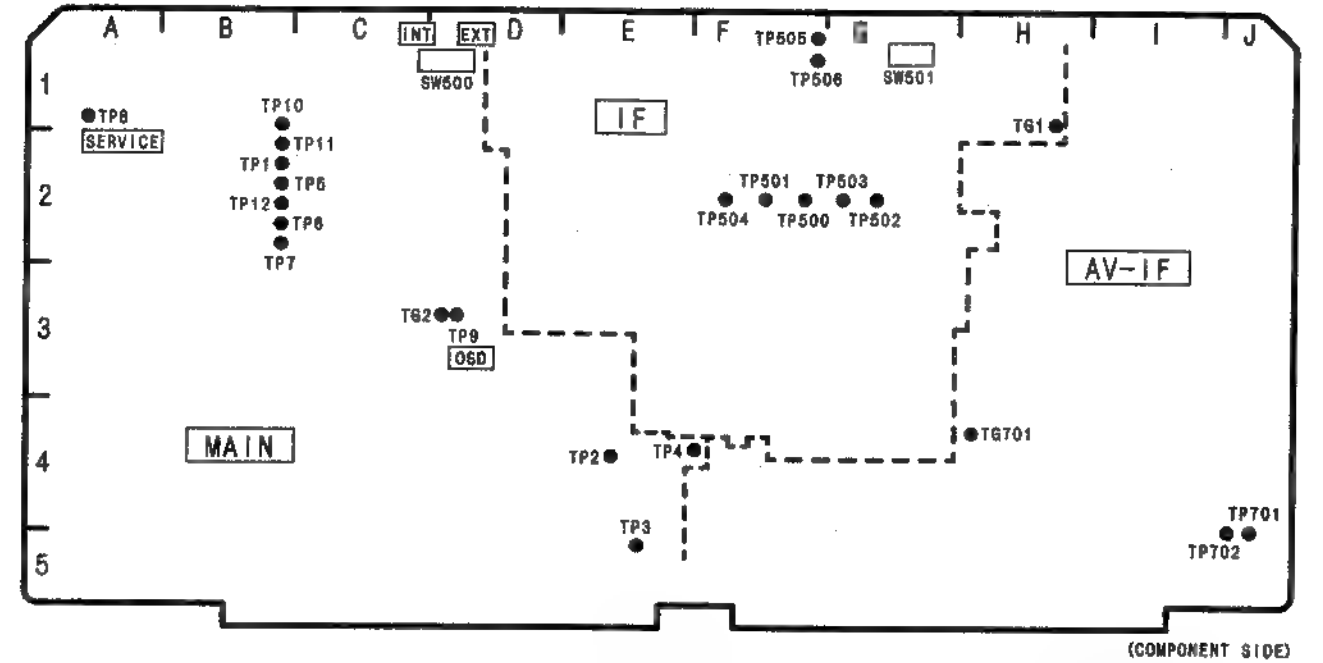
F2 SYSCC

100



B-4	Ⓢ	IC7	E-4	Ⓢ	IC35	C-1	Ⓢ	IC531	E-2	Ⓢ	IC724	I-5	Ⓢ	TP702	J-5	Ⓢ
D-3	Ⓢ	IC8	D-1	Ⓢ	IC36	D-4	Ⓢ	IC532	F-3	Ⓢ	IC725	H-4	Ⓢ	TP1	F-1	Ⓢ
A-3	Ⓢ	IC9	C-1	Ⓢ	IC37	B-2	Ⓢ	IC701	H-3	Ⓢ	IC726	H-4	Ⓢ	TP2	D-1	Ⓢ
D-4	Ⓢ	IC10	C-2	Ⓢ	IC500	F-2	Ⓢ	IC702	I-2	Ⓢ	Test Points			TP701	H-4	Ⓢ
D-3	Ⓢ	IC11	D-3	Ⓢ	IC501	F-2	Ⓢ	IC703	I-1	Ⓢ				Adjustment		
A-3	Ⓢ	IC12	D-2	Ⓢ	IC502	G-2	Ⓢ	IC704	H-2	Ⓢ	TP1	B-2	Ⓢ	VC1	D-3	Ⓢ
A-3	Ⓢ	IC13	D-2	Ⓢ	IC503	F-3	Ⓢ	IC705	G-2	Ⓢ	TP2	E-4	Ⓢ	Switch		
A-4	Ⓢ	IC14	D-2	Ⓢ	IC504	E-2	Ⓢ	IC706	G-2	Ⓢ	TP3	E-5	Ⓢ	Connectors		
A-4	Ⓢ	IC15	E-2	Ⓢ	IC505	D-1	Ⓢ	IC707	H-3	Ⓢ	TP4	E-4	Ⓢ			
A-3	Ⓢ	IC16	D-2	Ⓢ	IC506	E-1	Ⓢ	IC708	H-2	Ⓢ	TP5	B-2	Ⓢ	SW501	G-1	Ⓢ
C-3	Ⓢ	IC17	A-2	Ⓢ	IC507	E-1	Ⓢ	IC709	J-2	Ⓢ	TP6	B-2	Ⓢ	P1 P2		
B-3	Ⓢ	IC19	E-4	Ⓢ	IC508	D-1	Ⓢ	IC710	I-2	Ⓢ	TP7	B-2	Ⓢ			
G-4	Ⓢ	IC20	E-4	Ⓢ	IC509	G-2	Ⓢ	IC711	I-2	Ⓢ	TP8	C-1	Ⓢ	G-5 D-5		
H-3	Ⓢ	IC23	E-4	Ⓢ	IC510	G-3	Ⓢ	IC712	I-3	Ⓢ	TP9	D-1	Ⓢ			
H-3	Ⓢ	IC24	D-2	Ⓢ	IC514	G-3	Ⓢ	IC713	H-2	Ⓢ	TP10	B-1	Ⓢ			
H-3	Ⓢ	IC25	A-3	Ⓢ	IC515	G-4	Ⓢ	IC714	G-4	Ⓢ	TP11	B-2	Ⓢ			
H-3	Ⓢ	IC26	B-1	Ⓢ	IC516	G-4	Ⓢ	IC715	G-4	Ⓢ	TP12	B-2	Ⓢ			
B		IC27	B-5	Ⓢ	IC517	F-1	Ⓢ	IC716	F-4	Ⓢ	TP500	F-2	Ⓢ			
		IC28	A-3	Ⓢ	IC523	F-1	Ⓢ	IC717	G-4	Ⓢ	TP501	F-2	Ⓢ			
C-1	Ⓢ	IC29	C-1	Ⓢ	IC524	E-1	Ⓢ	IC718	I-3	Ⓢ	TP502	G-2	Ⓢ			
A-2	Ⓢ	IC30	D-3	Ⓢ	IC525	G-1	Ⓢ	IC719	J-4	Ⓢ	TP503	G-2	Ⓢ			
B-3	Ⓢ	IC31	D-3	Ⓢ	IC527	F-3	Ⓢ	IC720	J-4	Ⓢ	TP504	F-2	Ⓢ			
B-2	Ⓢ	IC32	C-3	Ⓢ	IC528	E-3	Ⓢ	IC721	I-3	Ⓢ	TP505	F-1	Ⓢ			
A-2	Ⓢ	IC33	C-2	Ⓢ	IC529	E-3	Ⓢ	IC722	I-3	Ⓢ	TP506	F-1	Ⓢ			
B-3	Ⓢ	IC34	A-2	Ⓢ	IC530	E-3	Ⓢ	IC723	I-5	Ⓢ	TP701	J-5	Ⓢ			

F2 SYSCON P. C. BOARD



F4 V OUT P. C. BOARD

[illegible]

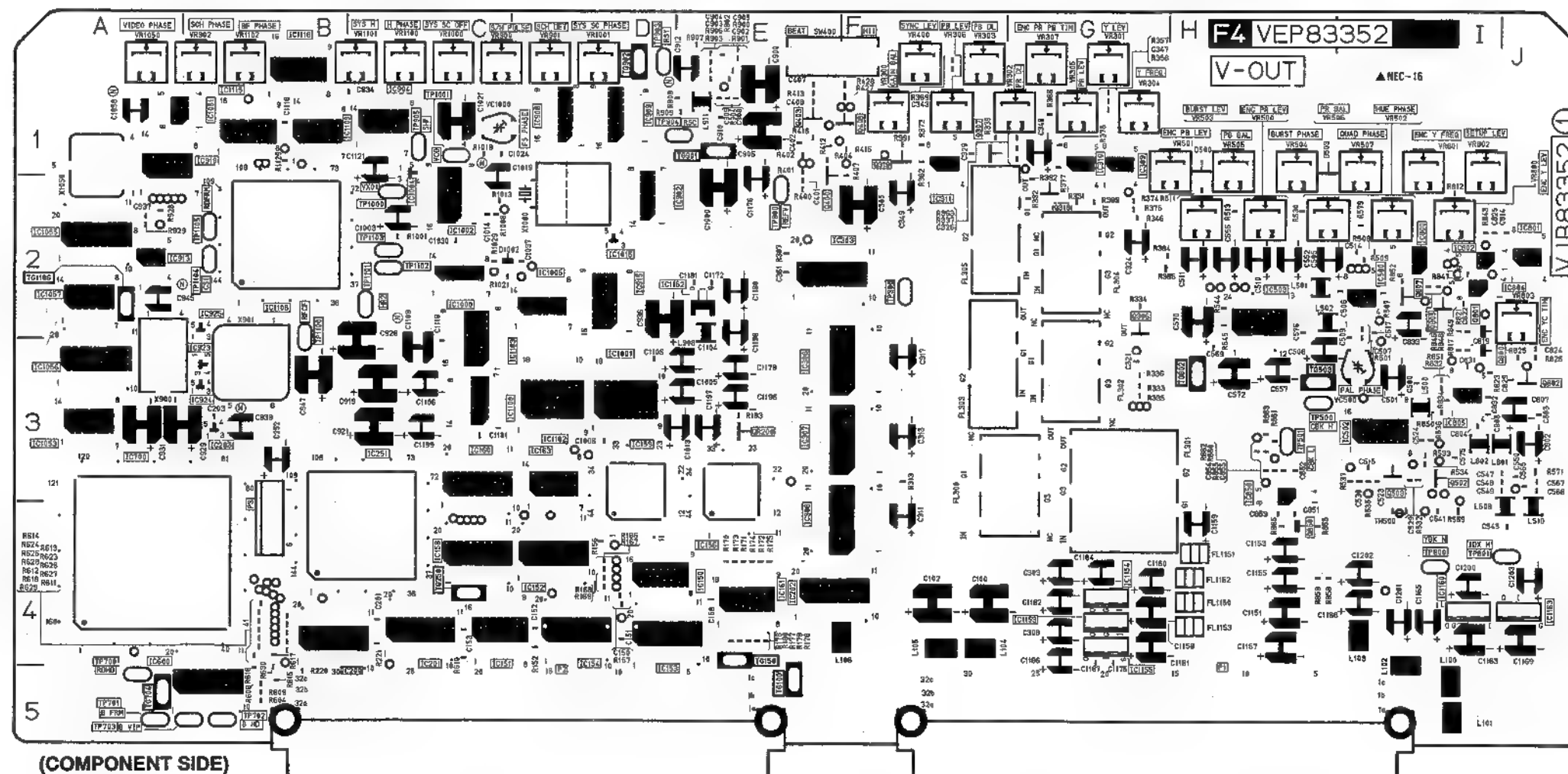
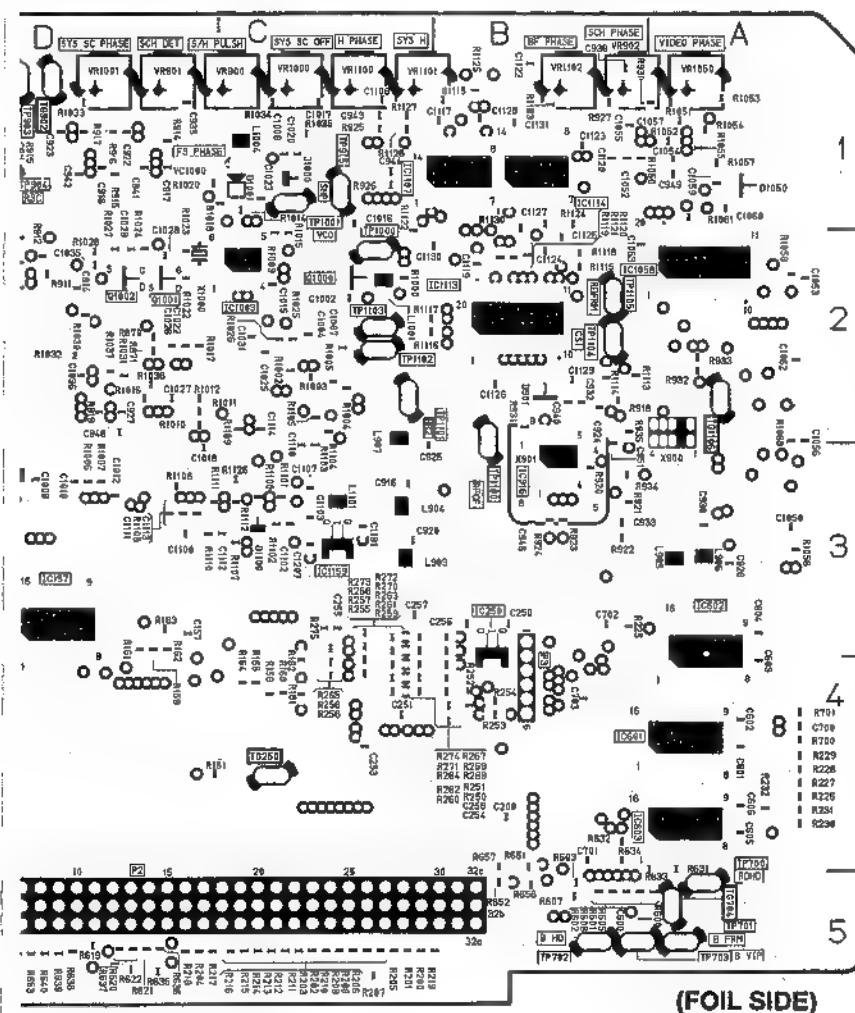
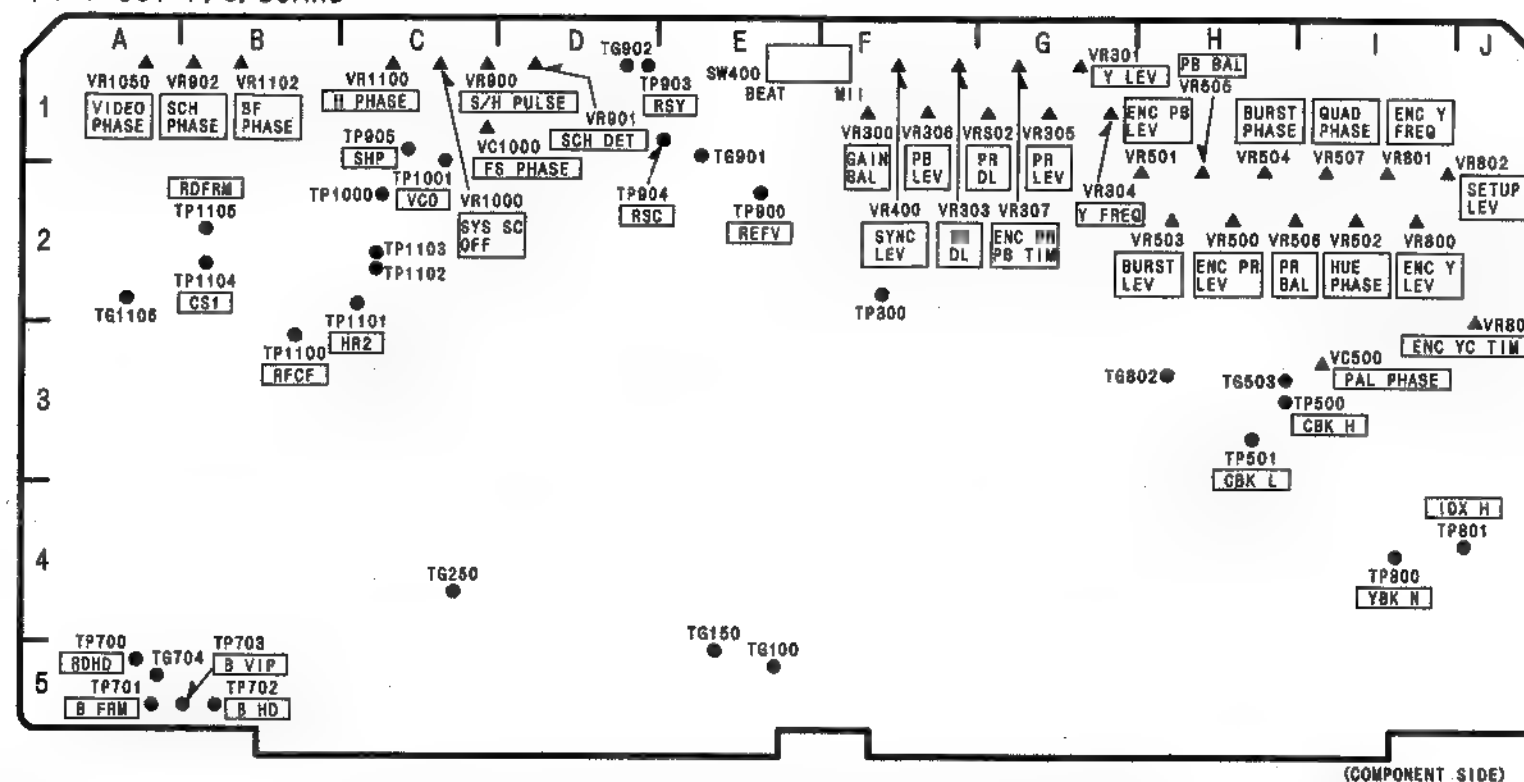
(FOIL SIDE)



40P / VEP83352B: AJ-D650E/D640E)

F4 V OUT									
IC1004	C-1	IC1156	E-3	TP800	I-4	VR307	G-1	Connectors	
IC1005	D-2	IC1157	E-3	TP801	J-4	VR400	F-1		
IC1015	D-2	IC1158	E-2	TP900	E-2	VR500	H-2	P1	H-5
IC1051	B-1	IC1159	C-3	TP903	D-1	VR501	H-1	P2	D-5
IC1053	A-3	IC1160	I-4	TP904	D-1	VR502	I-2	P3	B-4
IC1055	A-2	IC1161	I-4	TP905	C-1	VR503	H-2		
IC1056	A-3	IC1162	I-4	TP1000	C-2	VR504	H-1		
IC1057	A-2			TP1001	C-1	VR505	H-1		
IC1058	A-2	Test Points		TP1100	B-2	VR506	H-2		
IC1100	C-3			TP1101	C-2	VR507	I-1		
IC1102	D-3	TG100	E-5	TP1102	C-2	VR800	I-2		
IC1103	C-3	TG150	E-4	TP1103	C-2	VR801	I-1		
IC1106	B-2	TG250	C-4	TP1104	B-2	VR802	I-1		
IC1107	B-1	TG503	H-3	TP1105	B-2	VR803	J-2		
IC1108	B-1	TG704	A-5			VR900	C-1		
IC1113	B-2	TG802	H-3	Adjustments		VR901	D-1		
IC1114	B-1	TG901	E-1			VR902	B-1		
IC1115	B-1	TG1106	D-1	VC500	I-3	VR1000	C-1		
IC1116	B-1	TP300	F-2	VR300	F-1	VR1001	D-1		
IC1150	E-2	TP500	H-3	VR301	G-1	VR1050	A-1		
IC1151	E-3	TP501	H-3	VR302	G-1	VR1100	C-1		
IC1152	E-2	TP700	A-5	VR303	F-1	VR1102	B-1		
IC1153	C-4	TP701	A-5	VR304	G-1				
IC1154	C-4	TP702	B-5	VR305	G-1	Switches			
IC1155	C-4	TP703	B-5	VR306	F-1				
						SW400	E-1		

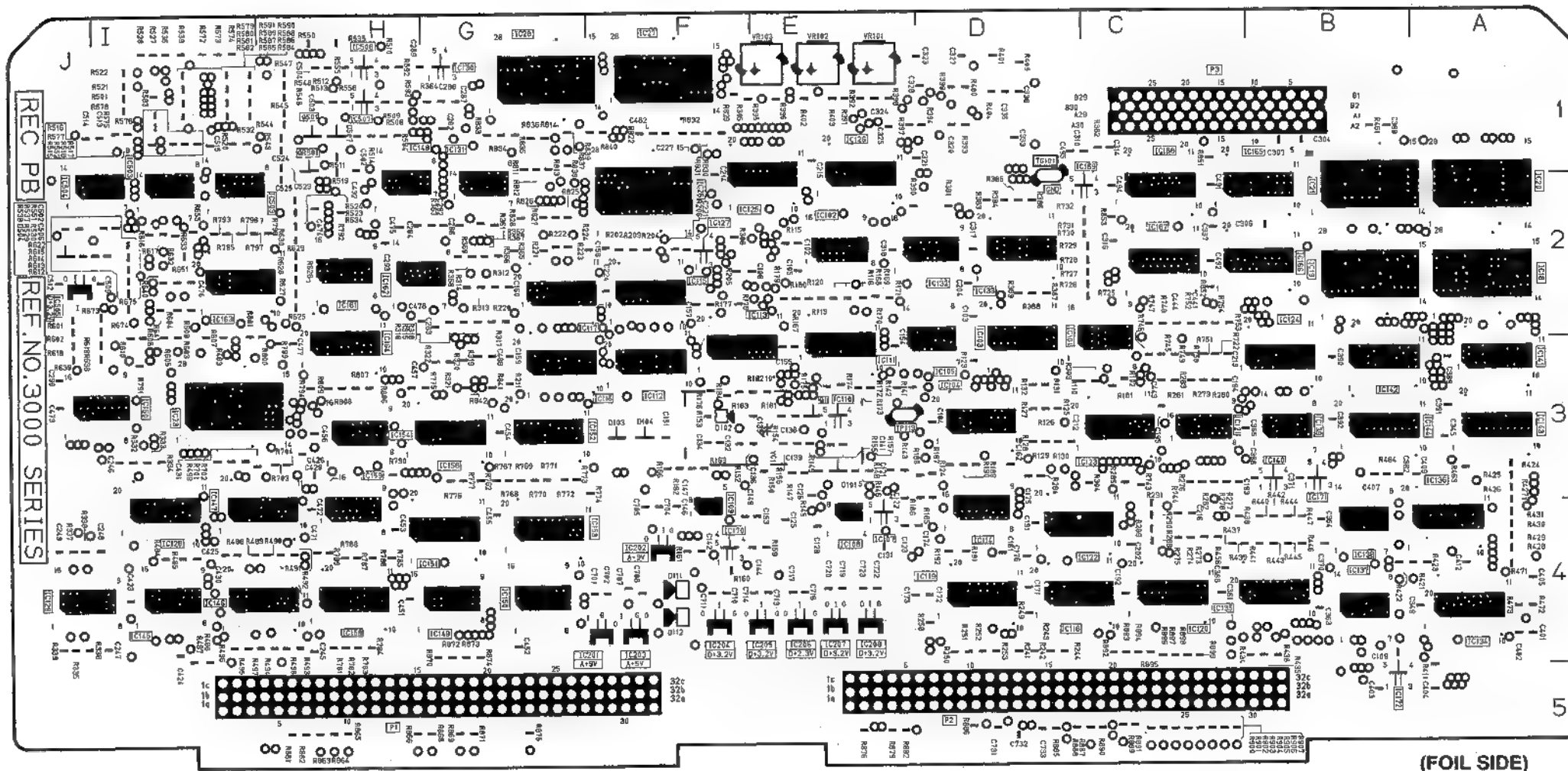
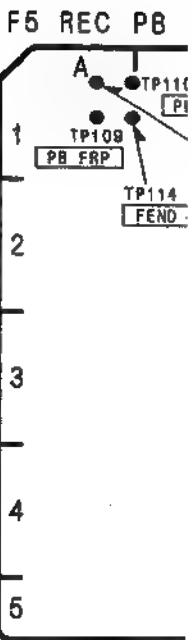
F4 V OUT P. C. BOARD



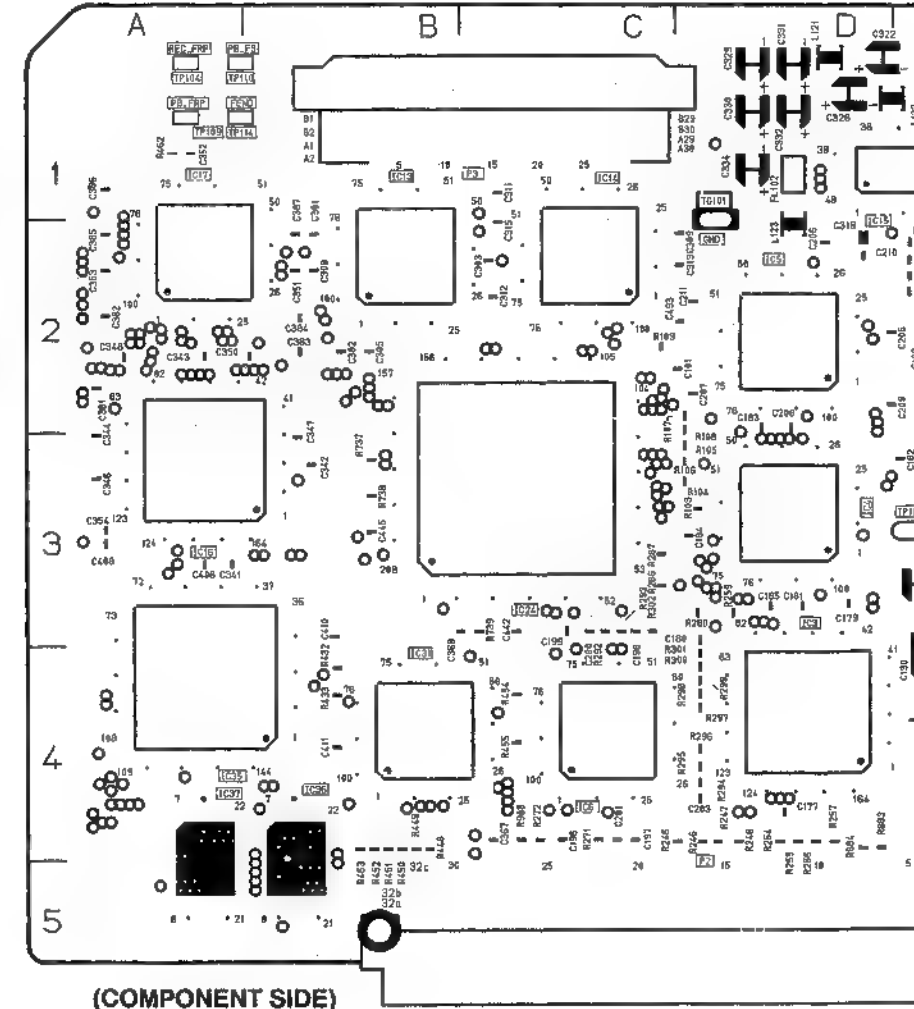
F5 REC PB P.C. BOARD (VEP83353A: AJ-D650/D640/D650P/D640P / VEP83353B: AJ-D650E/D640E)

F5 REC PB																																
Transistors		IC3019	B-2	Ⓢ	IC3114	D-4	Ⓢ	IC3140	B-3	Ⓢ	IC3167	C-2	Ⓢ	Test Points			VR3102	E-1														
Q3001	E-3													Ⓢ	IC3020	A-2			Ⓢ	IC3115	F-2	Ⓢ	IC3141	A-3	Ⓢ	IC3168	C-2	Ⓢ	TG3101	D-1		
Q3501	H-1																														Ⓢ	IC3021
Transistor-Resistor		IC3022	H-3	Ⓢ	IC3117	G-2	Ⓢ	IC3143	A-3	Ⓢ	IC3171	B-3	Ⓢ	TG3501	G-1	Ⓢ	Switches															
QR3501	H-1																Ⓢ	IC3023	A-3	Ⓢ	IC3118	D-4	Ⓢ	IC3144	B-3	Ⓢ	IC3172	B-5	Ⓢ	TP3101	F-1	Ⓢ
		Ⓢ	IC3024	C-3	Ⓢ	IC3119	D-4	Ⓢ	IC3145	I-4	Ⓢ	IC3201	F-4	Ⓢ	TP3102	F-1																
Integrated Circuits	IC3025																G-4	Ⓢ	IC3120	C-4	Ⓢ	IC3146	I-4	Ⓢ	IC3202	F-4	Ⓢ	TP3103	F-1	Ⓢ	Connectors	
		IC3026	F-1	Ⓢ	IC3121	C-3	Ⓢ	IC3147	I-4	Ⓢ	IC3203	F-4	Ⓢ	TP3104	A-1	Ⓢ															P3001	G-5
IC3028	G-3	Ⓢ	IC3123	C-3	Ⓢ	IC3149	G-4	Ⓢ	IC3205	E-4	Ⓢ	TP3106	H-2	Ⓢ	P3003	C-1																
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IC3031	A-4	Ⓢ	IC3125	E-1	Ⓢ	IC3151	G-4	Ⓢ	IC3207	E-4	Ⓢ	TP3108	H-2	Ⓢ	P3005	C-1																
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IC3033	A-4	Ⓢ	IC3127	F-2	Ⓢ	IC3153	G-4	Ⓢ	IC3501	I-1	Ⓢ	TP3110	A-1	Ⓢ	P3007	D-1																
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IC3035	E-2	Ⓢ	IC3129	J-4	Ⓢ	IC3155	G-3	Ⓢ	IC3503	I-2	Ⓢ	TP3112	F-1	Ⓢ	P3009	D-1																
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IC3037	D-3	Ⓢ	IC3131	G-2	Ⓢ	IC3157	H-4	Ⓢ	IC3505	J-2	Ⓢ	TP3114	A-1	Ⓢ	P3011	D-1																
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IC3039	E-4	Ⓢ	IC3133	D-2	Ⓢ	IC3159	I-3	Ⓢ	IC3507	H-1	Ⓢ	TP3502	G-1	Ⓢ	P3013	D-1																
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IC3041	F-4	Ⓢ	IC3135	B-4	Ⓢ	IC3161	H-2	Ⓢ	IC3601	I-2	Ⓢ	TP3602	G-1	Ⓢ	P3015	D-1																
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IC3043	E-3	Ⓢ	IC3137	B-4	Ⓢ	IC3163	H-3	Ⓢ	IC3603	I-2	Ⓢ	TP3604	G-1	Ⓢ	P3017	D-1																
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IC3045	F-3	Ⓢ	IC3139	B-3	Ⓢ	IC3165	B-2	Ⓢ	IC3605	I-2	Ⓢ	TP3606	G-1	Ⓢ	P3019	D-1																
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IC3047	F-3	Ⓢ	IC3141	B-3	Ⓢ	IC3167	B-2	Ⓢ	IC3607	I-2	Ⓢ	TP3608	G-1	Ⓢ	P3021	D-1																
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IC3049	F-3	Ⓢ	IC3143	B-3	Ⓢ	IC3169	B-2	Ⓢ	IC3609	I-2	Ⓢ	TP3610	G-1	Ⓢ	P3023	D-1																
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IC3051	F-3	Ⓢ	IC3145	B-3	Ⓢ	IC3171	B-2	Ⓢ	IC3611	I-2	Ⓢ	TP3612	G-1	Ⓢ	P3025	D-1																
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IC3053	F-3	Ⓢ	IC3147	B-3	Ⓢ	IC3173	B-2	Ⓢ	IC3613	I-2	Ⓢ	TP3614	G-1	Ⓢ	P3027	D-1																
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IC3055	F-3	Ⓢ	IC3149	B-3	Ⓢ	IC3175	B-2	Ⓢ	IC3615	I-2	Ⓢ	TP3616	G-1	Ⓢ	P3029	D-1																
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IC3057	F-3	Ⓢ	IC3151	B-3	Ⓢ	IC3177	B-2	Ⓢ	IC3617	I-2	Ⓢ	TP3618	G-1	Ⓢ	P3031	D-1																
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IC3059	F-3	Ⓢ	IC3153	B-3	Ⓢ	IC3179	B-2	Ⓢ	IC3619	I-2	Ⓢ	TP3620	G-1	Ⓢ	P3033	D-1																
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IC3061	F-3	Ⓢ	IC3155	B-3	Ⓢ	IC3181	B-2	Ⓢ	IC3621	I-2	Ⓢ	TP3622	G-1	Ⓢ	P3035	D-1																
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IC3063	F-3	Ⓢ	IC3157	B-3	Ⓢ	IC3183	B-2	Ⓢ	IC3623	I-2	Ⓢ	TP3624	G-1	Ⓢ	P3037	D-1																
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IC3065	F-3	Ⓢ	IC3159	B-3	Ⓢ	IC3185	B-2	Ⓢ	IC3625	I-2	Ⓢ	TP3626	G-1	Ⓢ	P3039	D-1																
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IC3067	F-3	Ⓢ	IC3161	B-3	Ⓢ	IC3187	B-2	Ⓢ	IC3627	I-2	Ⓢ	TP3628	G-1	Ⓢ	P3041	D-1																
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IC3069	F-3	Ⓢ	IC3163	B-3	Ⓢ	IC3189	B-2	Ⓢ	IC3629	I-2	Ⓢ	TP3630	G-1	Ⓢ	P3043	D-1																
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IC3073	F-3	Ⓢ	IC3167	B-3	Ⓢ	IC3193	B-2	Ⓢ	IC3633	I-2	Ⓢ	TP3634	G-1	Ⓢ	P3047	D-1																
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IC3075	F-3	Ⓢ	IC3169	B-3	Ⓢ	IC3195	B-2	Ⓢ	IC3635	I-2	Ⓢ	TP3636	G-1	Ⓢ	P3049	D-1																
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IC3077	F-3	Ⓢ	IC3171	B-3	Ⓢ	IC3197	B-2	Ⓢ	IC3637	I-2	Ⓢ	TP3638	G-1	Ⓢ	P3051	D-1																
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IC3079	F-3	Ⓢ	IC3173	B-3	Ⓢ	IC3199	B-2	Ⓢ	IC3639	I-2	Ⓢ	TP3640	G-1	Ⓢ	P3053	D-1																
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ADDRESS INFORMATION
 ⊗ ... COMPONENT SIDE
 ⊗ ... FOIL SIDE



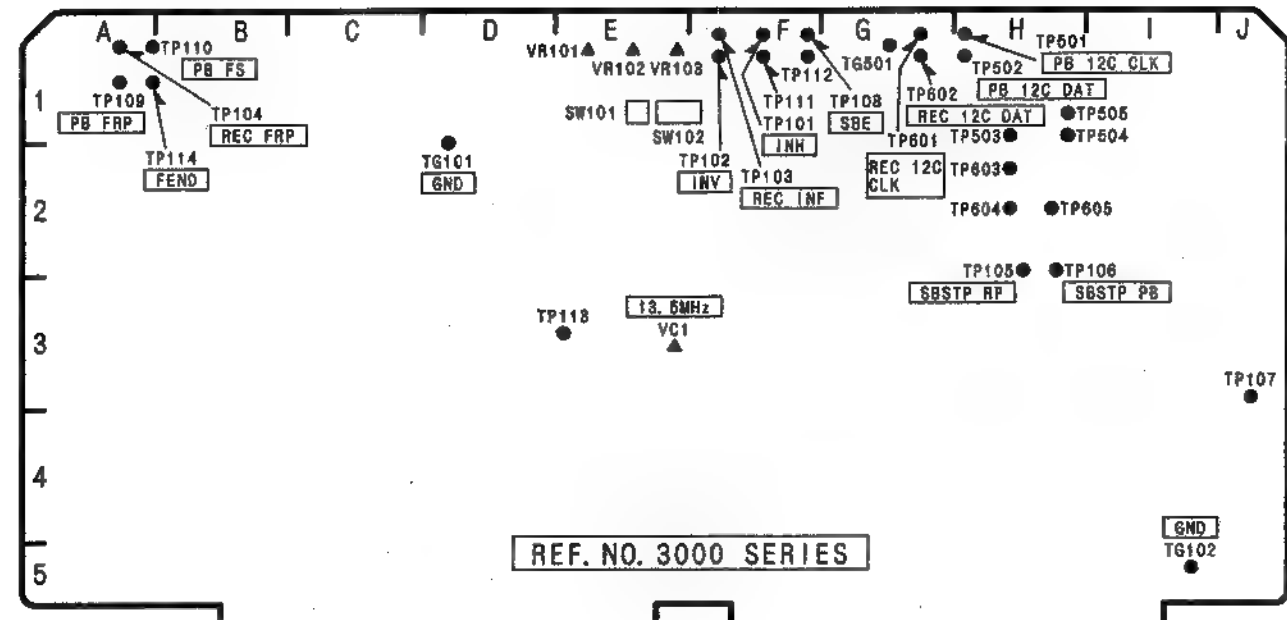
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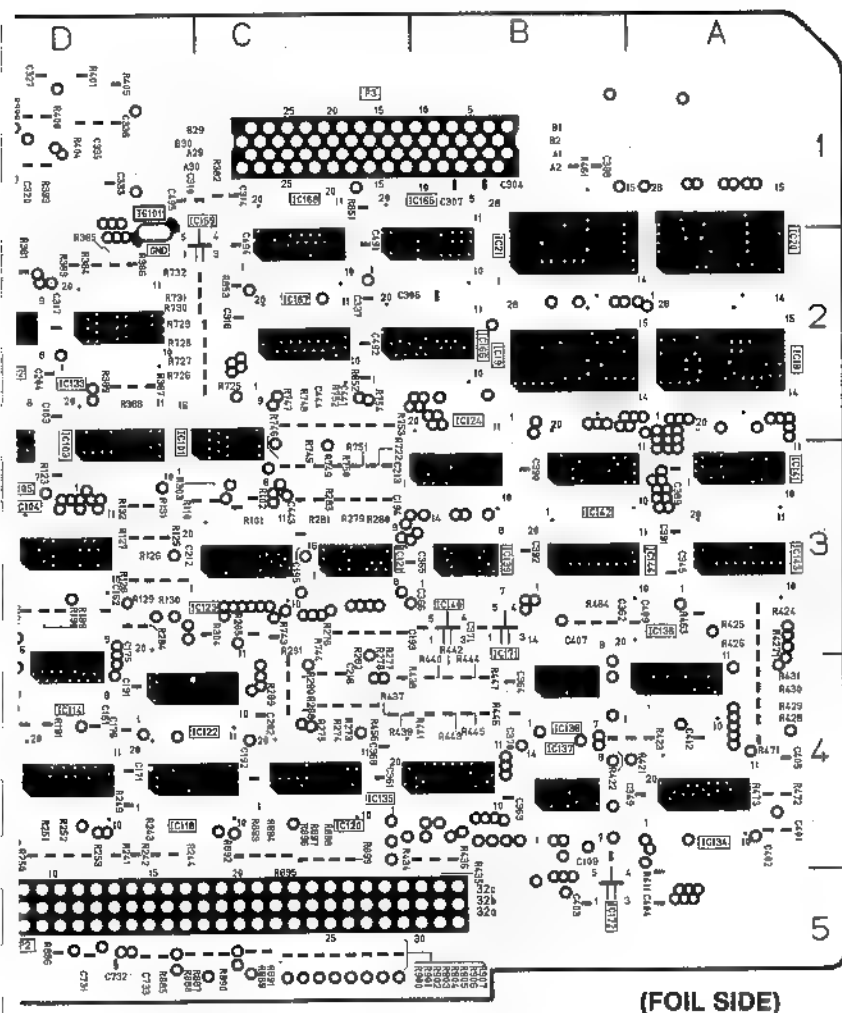
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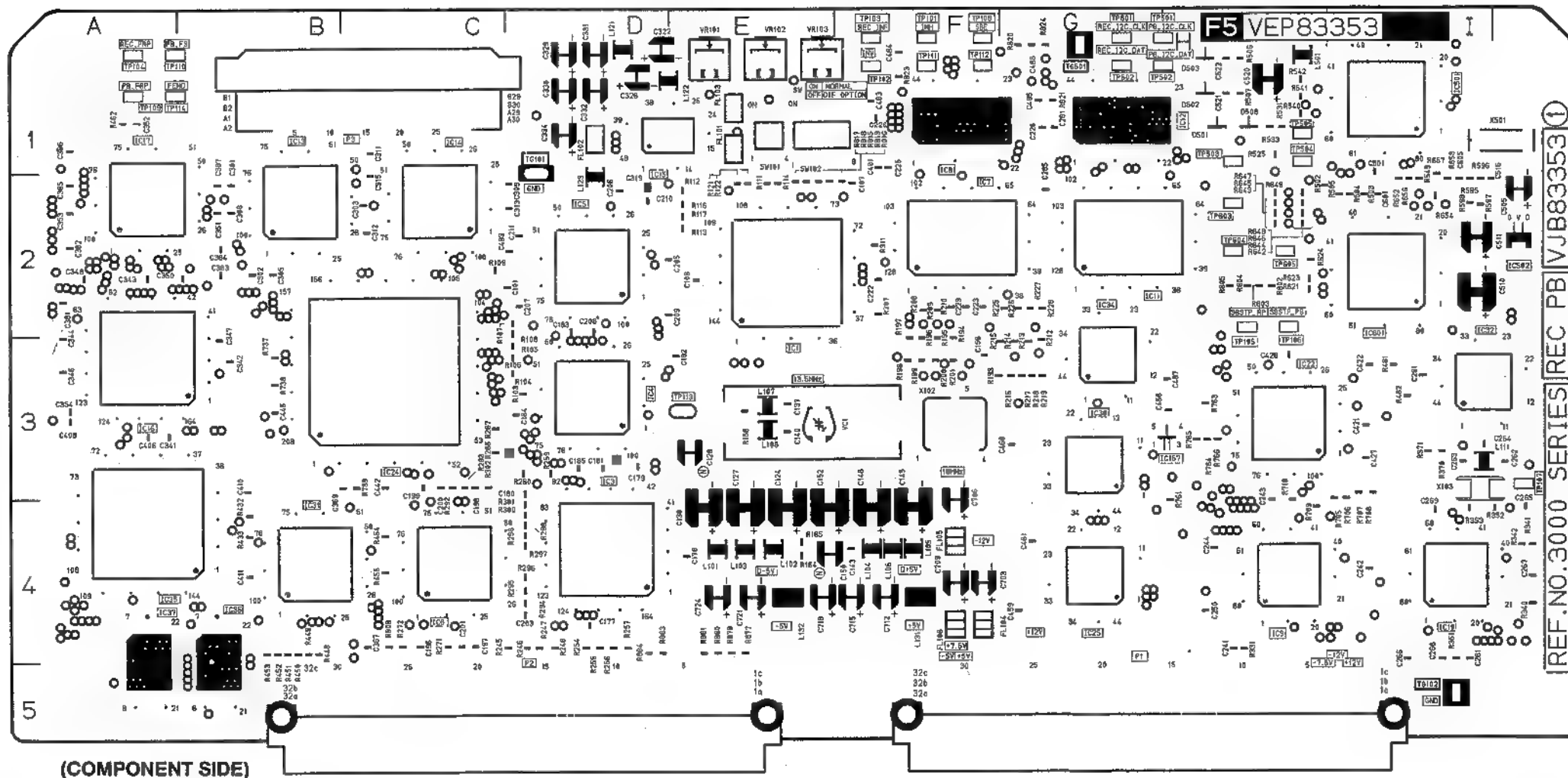
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IC3114	D-4	Ⓟ	IC3140	B-3	Ⓟ	IC3167	C-2	Ⓟ	Test Points	VR3102	E-1			
IC3115	F-2	Ⓟ	IC3141	A-3	Ⓟ	IC3168	C-2	Ⓟ		VR3103	E-1			
IC3116	G-3	Ⓟ	IC3142	B-3	Ⓟ	IC3169	C-2	Ⓟ	TG3101	D-1	Switches			
IC3117	G-2	Ⓟ	IC3143	A-3	Ⓟ	IC3171	B-3	Ⓟ				TG3102	I-5	Ⓢ
IC3118	D-4	Ⓟ	IC3144	B-3	Ⓟ	IC3172	B-5	Ⓟ	TG3501	G-1	SW3101			
IC3119	D-4	Ⓟ	IC3145	I-4	Ⓟ	IC3201	F-4	Ⓟ				TP3101	F-1	Ⓢ
IC3120	C-4	Ⓟ	IC3146	I-4	Ⓟ	IC3202	F-4	Ⓟ	TP3102	F-1	Ⓢ			
IC3121	C-3	Ⓟ	IC3147	I-4	Ⓟ	IC3203	F-4	Ⓟ				TP3103	F-1	Ⓢ
IC3122	D-4	Ⓟ	IC3148	H-2	Ⓟ	IC3204	F-4	Ⓟ	TP3104	A-1	Ⓢ			
IC3123	C-3	Ⓟ	IC3149	G-4	Ⓟ	IC3205	E-4	Ⓟ				TP3105	H-2	Ⓢ
IC3124	B-3	Ⓟ	IC3150	G-4	Ⓟ	IC3206	E-4	Ⓟ	TP3106	H-2	Ⓢ			
IC3125	E-1	Ⓟ	IC3151	G-4	Ⓟ	IC3207	E-4	Ⓟ				TP3108	F-1	Ⓢ
IC3126	E-1	Ⓟ	IC3152	G-3	Ⓟ	IC3208	E-4	Ⓟ	TP3109	A-1	Ⓢ			
IC3127	F-2	Ⓟ	IC3153	G-4	Ⓟ	IC3501	I-1	Ⓢ				TP3110	A-1	Ⓢ
IC3128	I-4	Ⓟ	IC3154	H-3	Ⓟ	IC3501	I-1	Ⓢ	TP3111	F-1	Ⓢ			
IC3129	J-4	Ⓟ	IC3156	G-3	Ⓟ	IC3502	J-2	Ⓢ				TP3112	F-1	Ⓢ
IC3130	G-1	Ⓟ	IC3157	H-3	Ⓢ	IC3503	I-2	Ⓢ	TP3113	E-3	Ⓢ			
IC3131	G-2	Ⓟ	IC3158	H-4	Ⓟ	IC3504	J-2	Ⓟ				TP3114	A-1	Ⓢ
IC3132	D-2	Ⓟ	IC3159	H-4	Ⓟ	IC3505	J-2	Ⓟ	TP3501	G-1	Ⓢ			
IC3133	D-2	Ⓟ	IC3160	I-3	Ⓟ	IC3507	H-1	Ⓟ				TP3502	G-1	Ⓢ
IC3134	A-4	Ⓟ	IC3161	H-2	Ⓟ	IC3508	H-1	Ⓟ	TP3601	G-1	Ⓢ			
IC3135	B-4	Ⓟ	IC3162	H-2	Ⓟ	IC3601	I-2	Ⓢ				TP3602	G-1	Ⓢ
IC3136	A-4	Ⓟ	IC3163	I-2	Ⓟ	IC3601	I-2	Ⓢ	Adjustments	VC3001	E-3			
IC3137	B-4	Ⓟ	IC3164	H-3	Ⓟ	IC3603	I-2	Ⓟ				VR3101	E-1	P3003
IC3138	B-4	Ⓟ	IC3165	B-2	Ⓟ									
IC3139	B-3	Ⓟ	IC3166	B-2	Ⓟ									



(COMPONENT SIDE)



(FOIL SIDE)



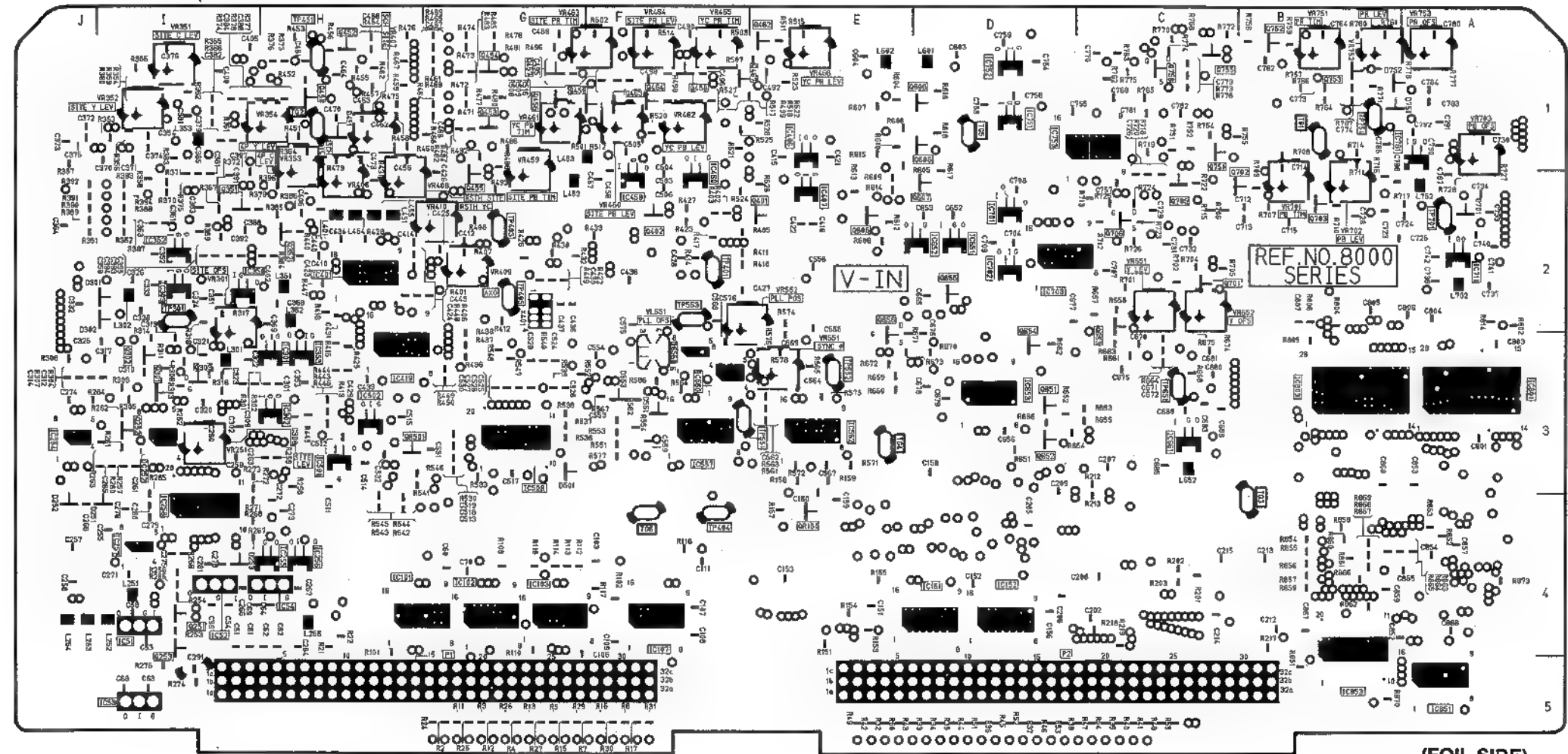
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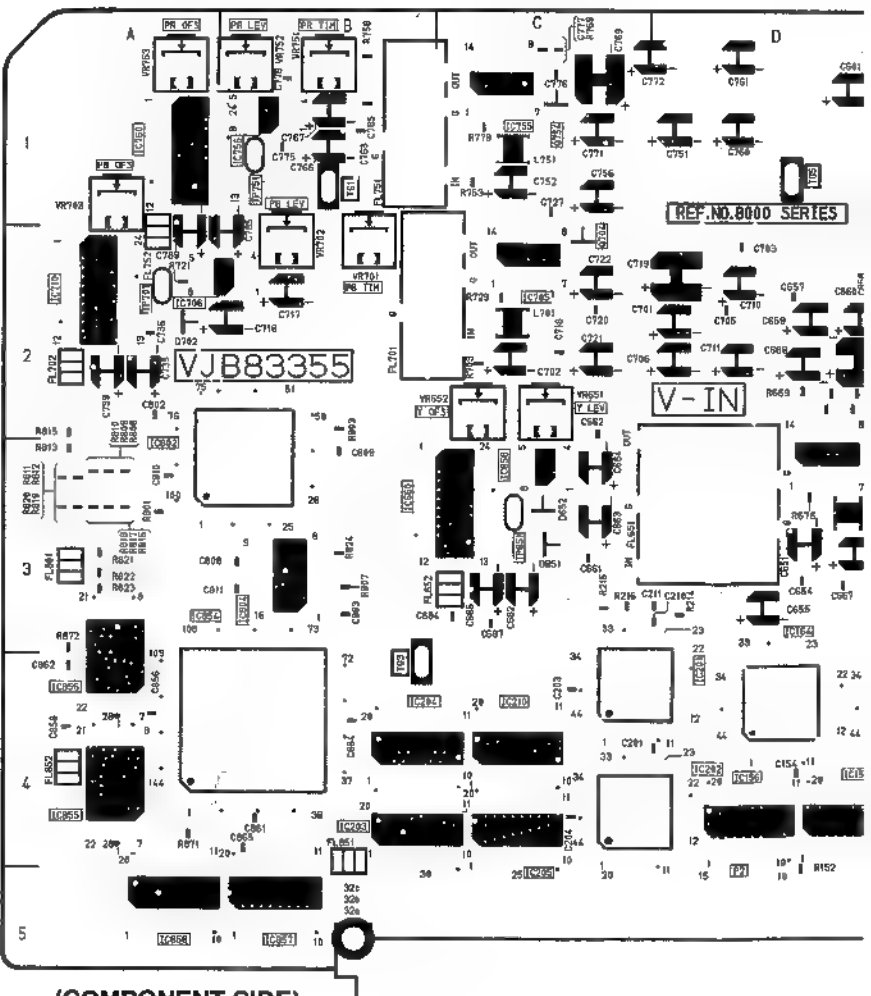
F6 V IN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Transistors			Q8552	F-3	Ⓢ	Transistor-Resistors			IC8204	B-4	Ⓢ	IC8403	G-2	Ⓢ	IC8567	F-3	Ⓢ	IC8855	A-4			VR8351	I-1	Connectors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
						Q8553	F-3	Ⓢ											Q8554	E-1	Ⓢ					Q8601	E-2	Ⓢ	Q8602	E-1	Ⓢ	Q8603	E-2	Ⓢ	Q8604	E-2	Ⓢ	Q8605	D-1	Ⓢ	Q8606	D-2	Ⓢ	Q8607	D-1	Ⓢ	Q8651	D-3	Ⓢ	Q8652	C-3	Ⓢ	Q8653	C-3	Ⓢ	Q8654	D-3	Ⓢ	Q8655	E-3	Ⓢ	Q8656	E-3	Ⓢ	Q8657	C-2	Ⓢ	Q8658	C-2	Ⓢ	Q8659	E-3	Ⓢ	Q8660	E-3	Ⓢ	Q8661	C-3	Ⓢ	Q8662	C-3	Ⓢ	Q8663	D-3	Ⓢ	Q8664	C-3	Ⓢ	Q8665	D-2	Ⓢ	Q8666	C-3	Ⓢ	Q8667	C-3	Ⓢ	Q8668	C-3	Ⓢ	Q8669	C-3	Ⓢ	Q8670	D-2	Ⓢ	Q8671	D-2	Ⓢ	Q8672	D-2	Ⓢ	Q8673	D-2	Ⓢ	Q8674	C-2	Ⓢ	Q8675	C-2	Ⓢ	Q8676	A-2	Ⓢ	Q8677	A-2	Ⓢ	Q8678	D-1	Ⓢ	Q8679	C-1	Ⓢ	Q8680	C-1	Ⓢ	Q8681	B-1	Ⓢ	Q8682	B-1	Ⓢ	Q8683	A-1	Ⓢ	Q8684	A-1	Ⓢ	Q8685	A-1	Ⓢ	Q8686	A-1	Ⓢ	Q8687	A-1	Ⓢ	Q8688	A-1	Ⓢ	Q8689	A-1	Ⓢ	Q8690	A-1	Ⓢ	Q8691	A-1	Ⓢ	Q8692	A-1	Ⓢ	Q8693	A-1	Ⓢ	Q8694	A-1	Ⓢ	Q8695	A-1	Ⓢ	Q8696	A-1	Ⓢ	Q8697	A-1	Ⓢ	Q8698	A-1	Ⓢ	Q8699	A-1	Ⓢ	Q8700	A-1	Ⓢ	Q8701	A-1	Ⓢ	Q8702	A-1	Ⓢ	Q8703	A-1	Ⓢ	Q8704	A-1	Ⓢ	Q8705	A-1	Ⓢ	Q8706	A-1	Ⓢ	Q8707	A-1	Ⓢ	Q8708	A-1	Ⓢ	Q8709	A-1	Ⓢ	Q8710	A-1	Ⓢ	Q8711	A-1	Ⓢ	Q8712	A-1	Ⓢ	Q8713	A-1	Ⓢ	Q8714	A-1	Ⓢ	Q8715	A-1	Ⓢ	Q8716	A-1	Ⓢ	Q8717	A-1	Ⓢ	Q8718	A-1	Ⓢ	Q8719	A-1	Ⓢ	Q8720	A-1	Ⓢ	Q8721	A-1	Ⓢ	Q8722	A-1	Ⓢ	Q8723	A-1	Ⓢ	Q8724	A-1	Ⓢ	Q8725	A-1	Ⓢ	Q8726	A-1	Ⓢ	Q8727	A-1	Ⓢ	Q8728	A-1	Ⓢ	Q8729	A-1	Ⓢ	Q8730	A-1	Ⓢ	Q8731	A-1	Ⓢ	Q8732	A-1	Ⓢ	Q8733	A-1	Ⓢ	Q8734	A-1	Ⓢ	Q8735	A-1	Ⓢ	Q8736	A-1	Ⓢ	Q8737	A-1	Ⓢ	Q8738	A-1	Ⓢ	Q8739	A-1	Ⓢ	Q8740	A-1	Ⓢ	Q8741	A-1	Ⓢ	Q8742	A-1	Ⓢ	Q8743	A-1	Ⓢ	Q8744	A-1	Ⓢ	Q8745	A-1	Ⓢ	Q8746	A-1	Ⓢ	Q8747	A-1	Ⓢ	Q8748	A-1	Ⓢ	Q8749	A-1	Ⓢ	Q8750	A-1	Ⓢ	Q8751	A-1	Ⓢ	Q8752	A-1	Ⓢ	Q8753	A-1	Ⓢ	Q8754	A-1	Ⓢ	Q8755	A-1	Ⓢ	Q8756	A-1	Ⓢ	Q8757	A-1	Ⓢ	Q8758	A-1	Ⓢ	Q8759	A-1	Ⓢ	Q8760	A-1	Ⓢ	Q8761	A-1	Ⓢ	Q8762	A-1	Ⓢ	Q8763	A-1	Ⓢ	Q8764	A-1	Ⓢ	Q8765	A-1	Ⓢ	Q8766	A-1	Ⓢ	Q8767	A-1	Ⓢ	Q8768	A-1	Ⓢ	Q8769	A-1	Ⓢ	Q8770	A-1	Ⓢ	Q8771	A-1	Ⓢ	Q8772	A-1	Ⓢ	Q8773	A-1	Ⓢ	Q8774	A-1	Ⓢ	Q8775	A-1	Ⓢ	Q8776	A-1	Ⓢ	Q8777	A-1	Ⓢ	Q8778	A-1	Ⓢ	Q8779	A-1	Ⓢ	Q8780	A-1	Ⓢ	Q8781	A-1	Ⓢ	Q8782	A-1	Ⓢ	Q8783	A-1	Ⓢ	Q8784	A-1	Ⓢ	Q8785	A-1	Ⓢ	Q8786	A-1	Ⓢ	Q8787	A-1	Ⓢ	Q8788	A-1	Ⓢ	Q8789	A-1	Ⓢ	Q8790	A-1	Ⓢ	Q8791	A-1	Ⓢ	Q8792	A-1	Ⓢ	Q8793	A-1	Ⓢ	Q8794	A-1	Ⓢ	Q8795	A-1	Ⓢ	Q8796	A-1	Ⓢ	Q8797	A-1	Ⓢ	Q8798	A-1	Ⓢ	Q8799	A-1	Ⓢ	Q8800	A-1	Ⓢ	Q8801	A-1	Ⓢ	Q8802	A-1	Ⓢ	Q8803	A-1	Ⓢ	Q8804	A-1	Ⓢ	Q8805	A-1	Ⓢ	Q8806	A-1	Ⓢ	Q8807	A-1	Ⓢ	Q8808	A-1	Ⓢ	Q8809	A-1	Ⓢ	Q8810	A-1	Ⓢ	Q8811	A-1	Ⓢ	Q8812	A-1	Ⓢ	Q8813	A-1	Ⓢ	Q8814	A-1	Ⓢ	Q8815	A-1	Ⓢ	Q8816	A-1	Ⓢ	Q8817	A-1	Ⓢ	Q8818	A-1	Ⓢ	Q8819	A-1	Ⓢ	Q8820	A-1	Ⓢ	Q8821	A-1	Ⓢ	Q8822	A-1	Ⓢ	Q8823	A-1	Ⓢ	Q8824	A-1	Ⓢ	Q8825	A-1	Ⓢ	Q8826	A-1	Ⓢ	Q8827	A-1	Ⓢ	Q8828	A-1	Ⓢ	Q8829	A-1	Ⓢ	Q8830	A-1	Ⓢ	Q8831	A-1	Ⓢ	Q8832	A-1	Ⓢ	Q8833	A-1	Ⓢ	Q8834	A-1	Ⓢ	Q8835	A-1	Ⓢ	Q8836	A-1	Ⓢ	Q8837	A-1	Ⓢ	Q8838	A-1	Ⓢ	Q8839	A-1	Ⓢ	Q8840	A-1	Ⓢ	Q8841	A-1	Ⓢ	Q8842	A-1	Ⓢ	Q8843	A-1	Ⓢ	Q8844	A-1	Ⓢ	Q8845	A-1	Ⓢ	Q8846	A-1	Ⓢ	Q8847	A-1	Ⓢ	Q8848	A-1	Ⓢ	Q8849	A-1	Ⓢ	Q8850	A-1	Ⓢ	Q8851	A-1	Ⓢ	Q8852	A-1	Ⓢ	Q8853	A-1	Ⓢ	Q8854	A-1	Ⓢ	Q8855	A-1	Ⓢ	Q8856	A-1	Ⓢ	Q8857	A-1	Ⓢ	Q8858	A-1	Ⓢ	Q8859	A-1	Ⓢ	Q8860	A-1	Ⓢ	Q8861	A-1	Ⓢ	Q8862	A-1	Ⓢ	Q8863	A-1	Ⓢ	Q8864	A-1	Ⓢ	Q8865	A-1	Ⓢ	Q8866	A-1	Ⓢ	Q8867	A-1	Ⓢ	Q8868	A-1	Ⓢ	Q8869	A-1	Ⓢ	Q8870	A-1	Ⓢ	Q8871	A-1	Ⓢ	Q8872	A-1	Ⓢ	Q8873	A-1	Ⓢ	Q8874	A-1	Ⓢ	Q8875	A-1	Ⓢ	Q8876	A-1	Ⓢ	Q8877	A-1	Ⓢ	Q8878	A-1	Ⓢ	Q8879	A-1	Ⓢ	Q8880	A-1	Ⓢ	Q8881	A-1	Ⓢ	Q8882	A-1	Ⓢ	Q8883	A-1	Ⓢ	Q8884	A-1	Ⓢ	Q8885	A-1	Ⓢ	Q8886	A-1	Ⓢ	Q8887	A-1	Ⓢ	Q8888	A-1	Ⓢ	Q8889	A-1	Ⓢ	Q8890	A-1	Ⓢ	Q8891	A-1	Ⓢ	Q8892	A-1	Ⓢ	Q8893	A-1	Ⓢ	Q8894	A-1	Ⓢ	Q8895	A-1	Ⓢ	Q8896	A-1	Ⓢ	Q8897	A-1	Ⓢ	Q8898	A-1	Ⓢ	Q8899	A-1	Ⓢ	Q8900	A-1	Ⓢ	Q8901	A-1	Ⓢ	Q8902	A-1	Ⓢ	Q8903	A-1	Ⓢ	Q8904	A-1	Ⓢ	Q8905	A-1	Ⓢ	Q8906	A-1	Ⓢ	Q8907	A-1	Ⓢ	Q8908	A-1	Ⓢ	Q8909	A-1	Ⓢ	Q8910	A-1	Ⓢ	Q8911	A-1	Ⓢ	Q8912	A-1	Ⓢ	Q8913	A-1	Ⓢ	Q8914	A-1	Ⓢ	Q8915	A-1	Ⓢ	Q8916	A-1	Ⓢ	Q8917	A-1	Ⓢ	Q8918	A-1	Ⓢ	Q8919	A-1	Ⓢ	Q8920	A-1	Ⓢ	Q8921	A-1	Ⓢ	Q8922	A-1	Ⓢ	Q8923	A-1	Ⓢ	Q8924	A-1	Ⓢ	Q8925	A-1	Ⓢ	Q8926	A-1	Ⓢ	Q8927	A-1	Ⓢ	Q8928	A-1	Ⓢ	Q8929	A-1	Ⓢ	Q8930	A-1	Ⓢ	Q8931	A-1	Ⓢ	Q8932	A-1	Ⓢ	Q8933	A-1	Ⓢ	Q8934	A-1	Ⓢ	Q8935	A-1	Ⓢ	Q8936	A-1	Ⓢ	Q8937	A-1	Ⓢ	Q8938	A-1	Ⓢ	Q8939	A-1	Ⓢ	Q8940	A-1	Ⓢ	Q8941	A-1	Ⓢ	Q8942	A-1	Ⓢ	Q8943	A-1	Ⓢ	Q8944	A-1	Ⓢ	Q8945	A-1	Ⓢ	Q8946	A-1	Ⓢ	Q8947	A-1	Ⓢ	Q8948	A-1	Ⓢ	Q8949	A-1	Ⓢ	Q8950	A-1	Ⓢ	Q8951	A-1	Ⓢ	Q8952	A-1	Ⓢ	Q8953	A-1	Ⓢ	Q8954	A-1	Ⓢ	Q8955	A-1	Ⓢ	Q8956	A-1	Ⓢ	Q8957	A-1	Ⓢ	Q8958	A-1	Ⓢ	Q8959	A-1	Ⓢ	Q8960	A-1	Ⓢ	Q8961	A-1	Ⓢ	Q8962	A-1	Ⓢ	Q8963	A-1	Ⓢ	Q8964	A-1	Ⓢ	Q8965	A-1	Ⓢ	Q8966	A-1	Ⓢ	Q8967	A-1	Ⓢ	Q8968	A-1	Ⓢ	Q8969	A-1	Ⓢ	Q8970	A-1	Ⓢ	Q8971	A-1	Ⓢ	Q8972	A-1	Ⓢ	Q8973	A-1	Ⓢ	Q8974	A-1	Ⓢ	Q8975	A-1	Ⓢ	Q8976	A-1	Ⓢ	Q8977	A-1	Ⓢ	Q8978	A-1	Ⓢ	Q8979	A-1	Ⓢ	Q8980	A-1	Ⓢ	Q8981	A-1	Ⓢ

ADDRESS INFORMATION
Ⓢ ... COMPONENT SIDE
Ⓢ ... FOIL SIDE

F6 V	
A	VR753
1	PR OF
2	VR703
3	PR OFS
4	TPT
5	

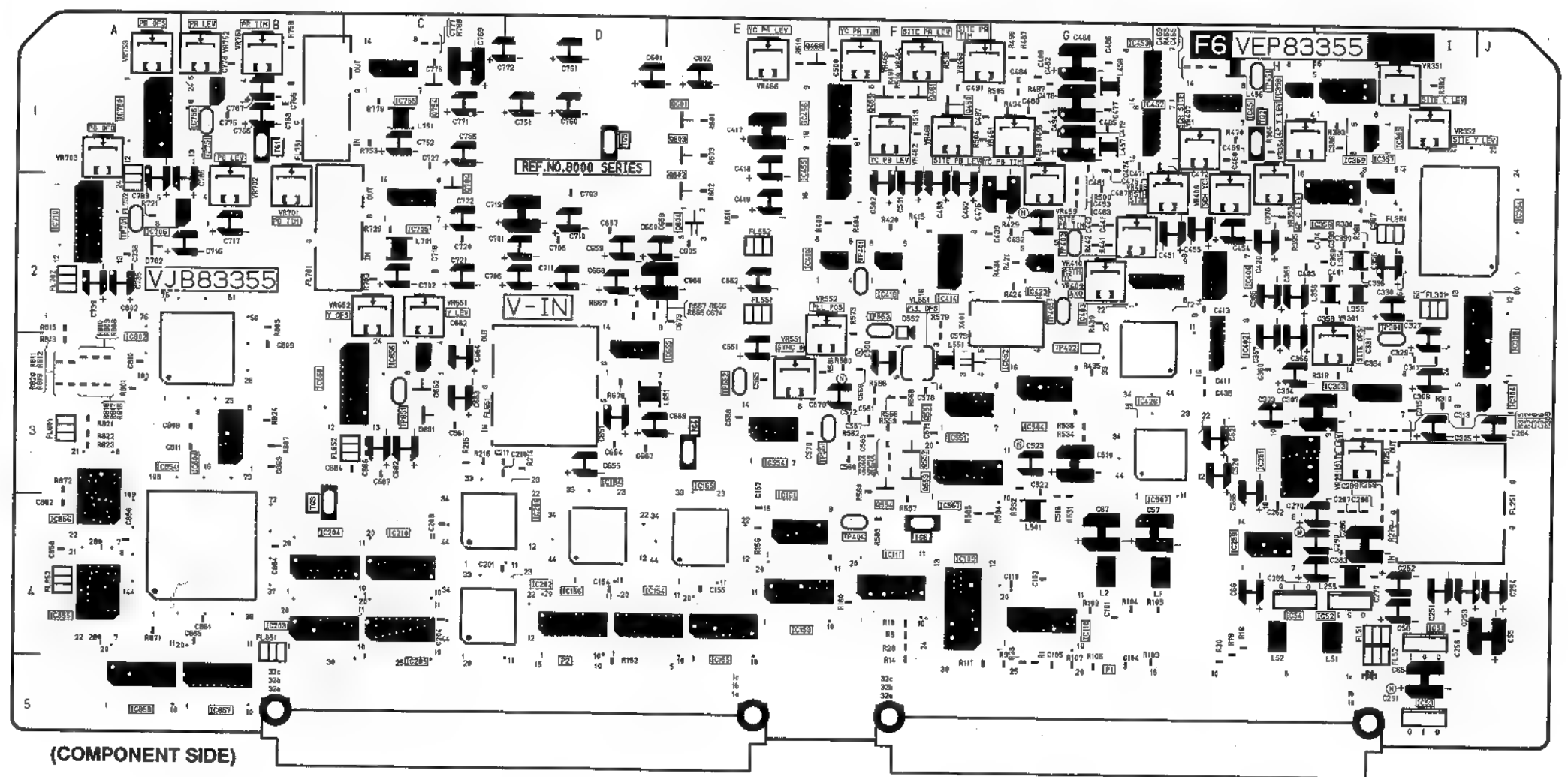
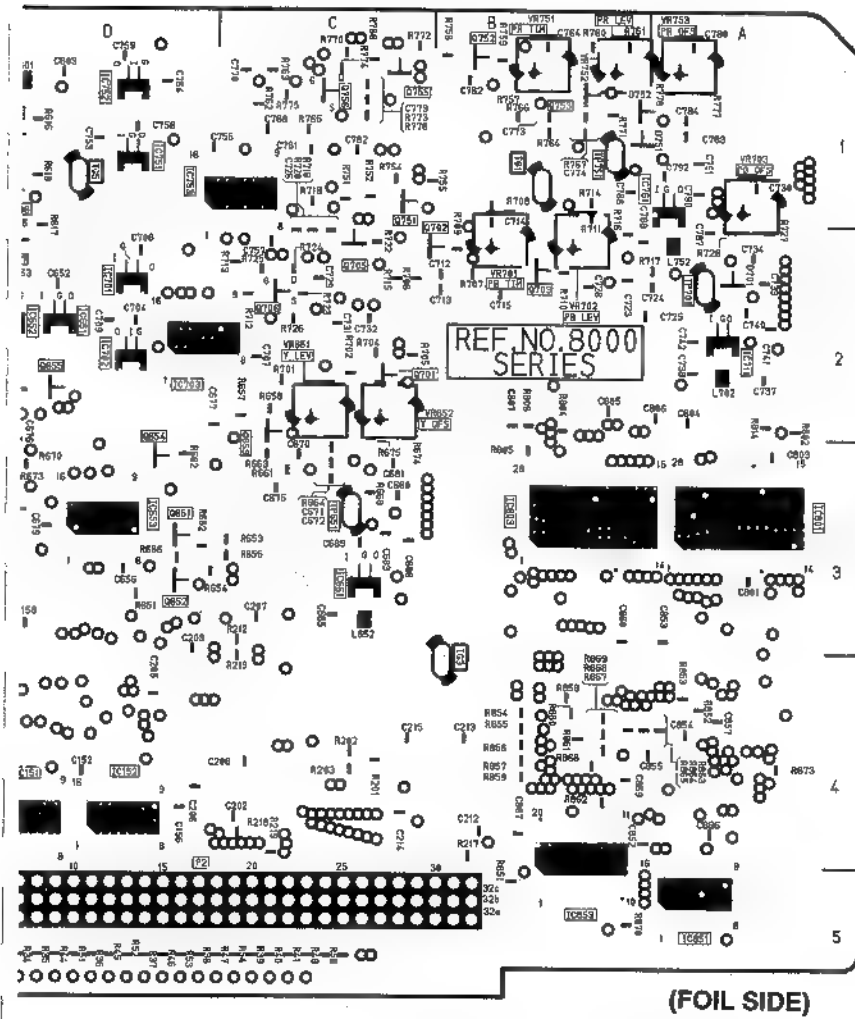
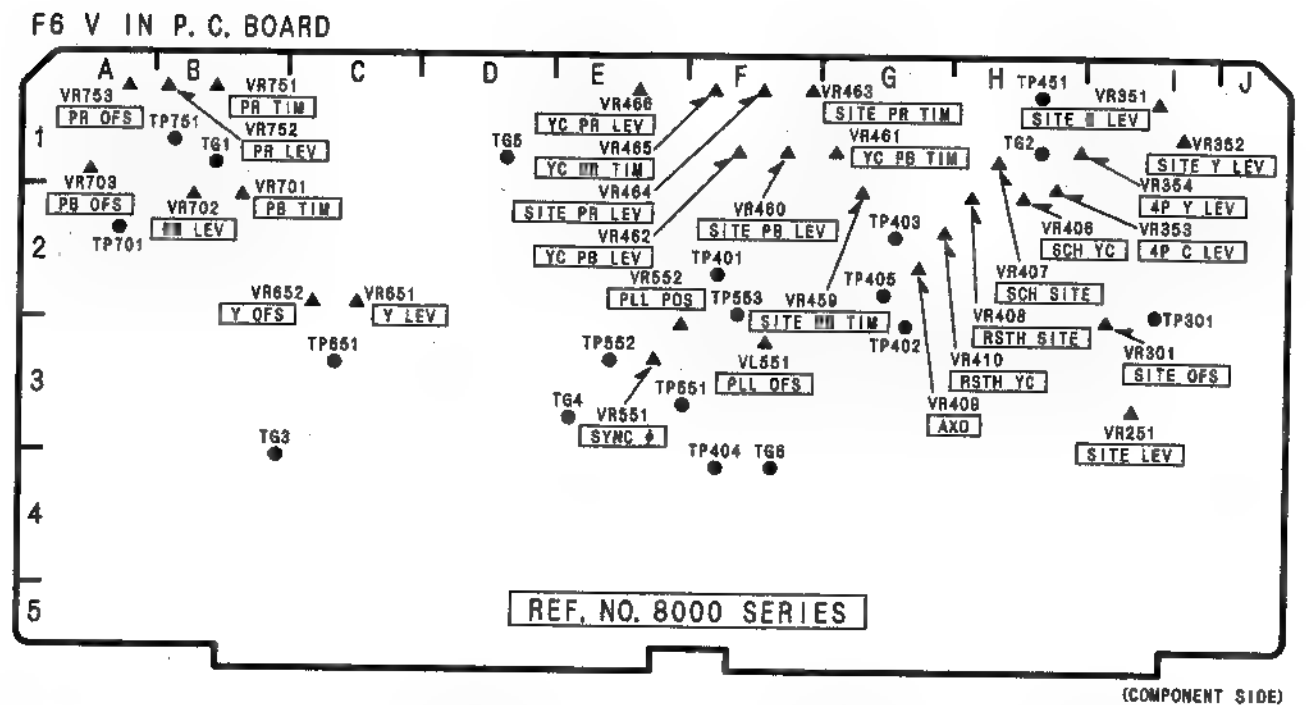


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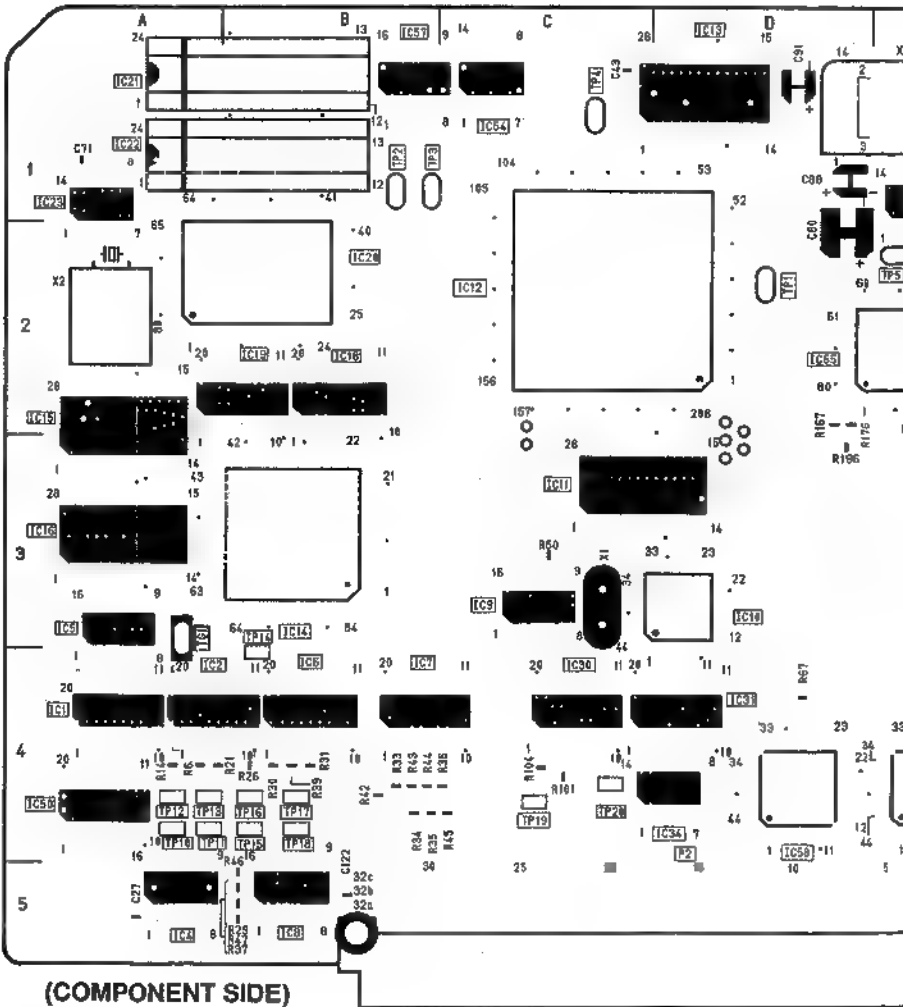
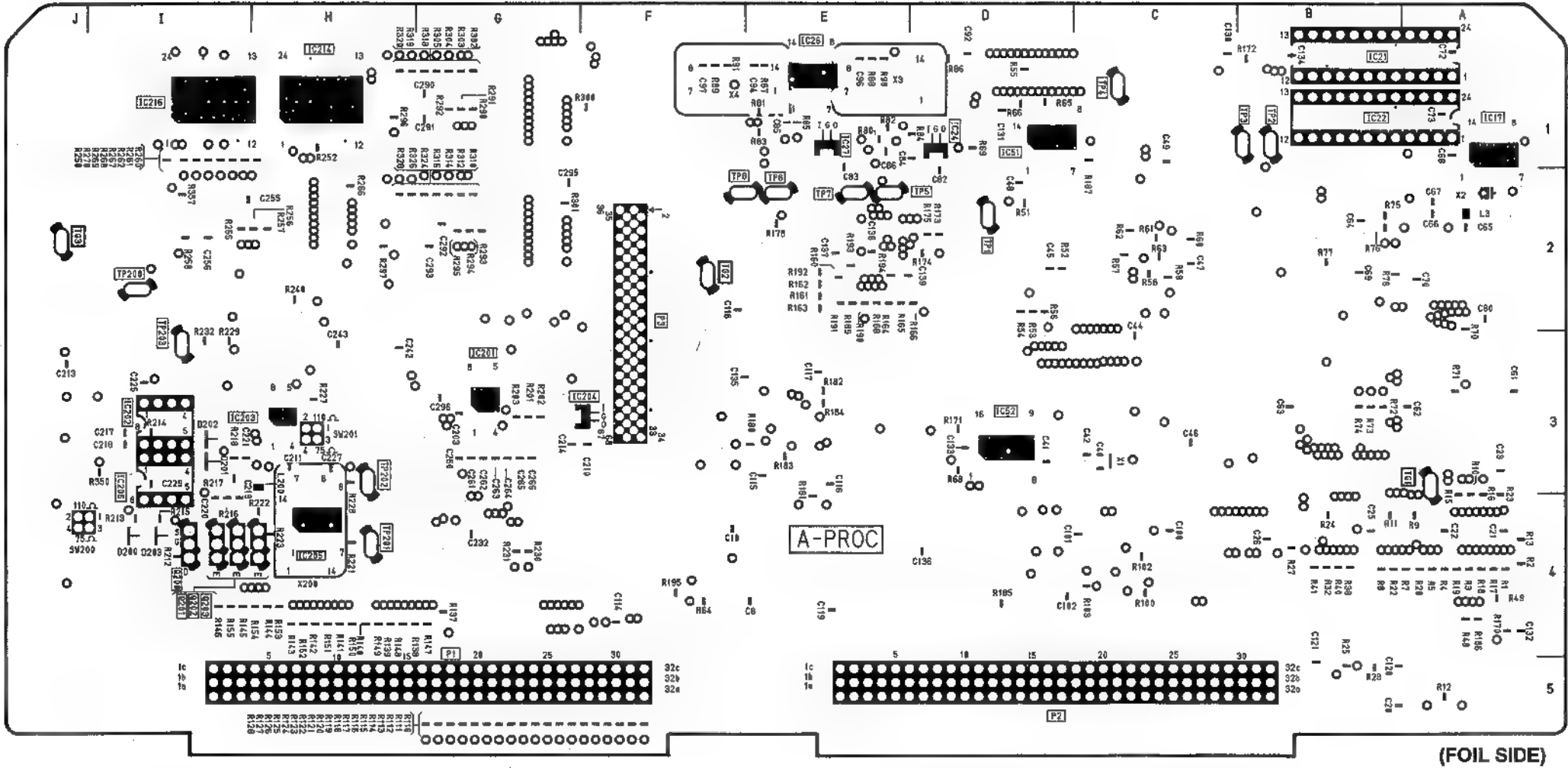
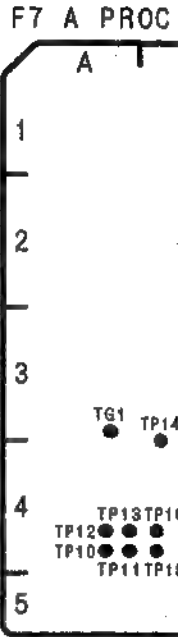
F6 V IN															
34	B-4	⊗	IC8403	G-2	⊗	IC8567	F-3	⊗	IC8655	A-4	⊗	VR8351	I-1	Connectors	
35	C-4	⊗	IC8404	H-2	⊗	IC8651	D-2	⊗	IC8656	A-4	⊗	VR8352	I-1		
10	C-4	⊗	IC8406	E-1	⊗	IC8652	D-2	⊗	IC8657	B-5	⊗	VR8353	I-1	P8001	G-5
51	H-3	⊗	IC8407	E-2	⊗	IC8653	D-3	⊗	IC8658	A-5	⊗	VR8354	H-1	P8002	D-5
32	I-3	⊗	IC8410	F-2	⊗	IC8655	D-3	⊗	Test Points			VR8406	H-2		
34	J-3	⊗	IC8414	F-2	⊗	IC8656	C-3	⊗				VR8407	H-1		
35	H-4	⊗	IC8418	F-2	⊗	IC8660	C-3	⊗	TG8001	B-1		VR8408	H-2		
36	H-4	⊗	IC8419	H-3	⊗	IC8661	C-3	⊗	TG8002	H-1		VR8409	G-2		
57	I-4	⊗	IC8423	G-2	⊗	IC8701	D-2	⊗	TG8003	B-4		VR8410	G-2		
58	I-4	⊗	IC8428	H-3	⊗	IC8702	D-2	⊗	TG8004	E-3		VR8459	G-2		
39	H-4	⊗	IC8451	H-1	⊗	IC8703	D-2	⊗	TG8005	D-1		VR8460	F-1		
21	H-3	⊗	IC8452	G-1	⊗	IC8705	C-2	⊗	TG8006	F-4		VR8461	G-1		
22	H-3	⊗	IC8453	G-1	⊗	IC8708	A-2	⊗	TP8301	I-2		VR8462	F-1		
33	I-3	⊗	IC8455	F-1	⊗	IC8710	A-2	⊗	TP8401	F-2		VR8463	F-1		
34	J-3	⊗	IC8456	F-1	⊗	IC8711	A-2	⊗	TP8403	G-2		VR8464	F-1		
38	J-2	⊗	IC8459	F-2	⊗	IC8751	D-1	⊗	TP8404	F-4		VR8465	F-1		
39	I-2	⊗	IC8460	F-2	⊗	IC8752	D-1	⊗	TP8405	G-2		VR8466	E-1		
51	I-2	⊗	IC8501	H-3	⊗	IC8753	C-1	⊗	TP8451	H-1		VR8551	E-3		
52	I-2	⊗	IC8502	H-3	⊗	IC8755	C-1	⊗	TP8551	F-3		VR8552	E-2		
53	H-3	⊗	IC8503	G-3	⊗	IC8756	B-1	⊗	TP8552	E-3		VR8651	C-2		
54	I-2	⊗	IC8504	G-3	⊗	IC8760	A-1	⊗	TP8553	F-2		VR8652	C-2		
55	I-1	⊗	IC8507	H-3	⊗	IC8761	A-1	⊗	TP8651	C-3		VR8701	B-2		
36	I-2	⊗	IC8551	F-3	⊗	IC8801	A-3	⊗	TP8701	A-2		VR8702	B-2		
57	I-1	⊗	IC8552	F-3	⊗	IC8802	B-3	⊗	TP8751	B-1		VR8703	A-1		
58	H-1	⊗	IC8554	E-3	⊗	IC8803	B-3	⊗	Adjustments			VR8751	B-1		
39	I-1	⊗	IC8557	F-3	⊗	IC8804	B-3	⊗				VR8752	B-1		
21	H-2	⊗	IC8560	F-3	⊗	IC8851	A-5	⊗	VL8551	F-2		VR8753	A-1		
22	G-2	⊗	IC8561	F-3	⊗	IC8853	B-4	⊗	VR8251	I-3					
32	H-2	⊗	IC8562	E-3	⊗	IC8854	B-4	⊗	VR8301	I-2					



F7 A PROC P.C. BOARD (VEP84292A)

F7 A PROC									
Integrated Circuits			IC24			D-1			IC50
IC1	A-4	⊙	IC25			IC51	A-4	⊙	TP7
IC2	B-4	⊙	IC26			IC52	D-1	⊙	TP8
IC4	A-5	⊙	IC27			IC53	D-3	⊙	TP10
IC5	A-3	⊙	IC28			IC54	F-3	⊙	TP11
IC6	B-4	⊙	IC30			IC55	C-1	⊙	TP12
IC7	B-4	⊙	IC31			IC56	E-2	⊙	TP13
IC8	B-5	⊙	IC34			IC57	E-2	⊙	TP14
IC9	C-3	⊙	IC35			IC58	B-1	⊙	TP15
IC10	D-3	⊙	IC36			Test Points			TP16
IC11	C-3	⊙	IC37						TP17
IC12	C-2	⊙	IC38			TG1	A-3		TP18
IC13	D-1	⊙	IC39			TG2	F-2		TP19
IC14	B-3	⊙	IC40			TG3	J-2		TP20
IC15	A-2	⊙	IC41			TP1	D-2	Connectors	
IC16	A-3	⊙	IC42			TP2	B-1		
IC17	A-1	⊙	IC43			TP3	B-1	P1	G-5
IC19	B-2	⊙	IC44			TP4	C-1	P2	D-5
IC20	B-2	⊙	IC45			TP5	E-2	P3	F-2
IC23	A-1	⊙	IC46			TP6	E-2		

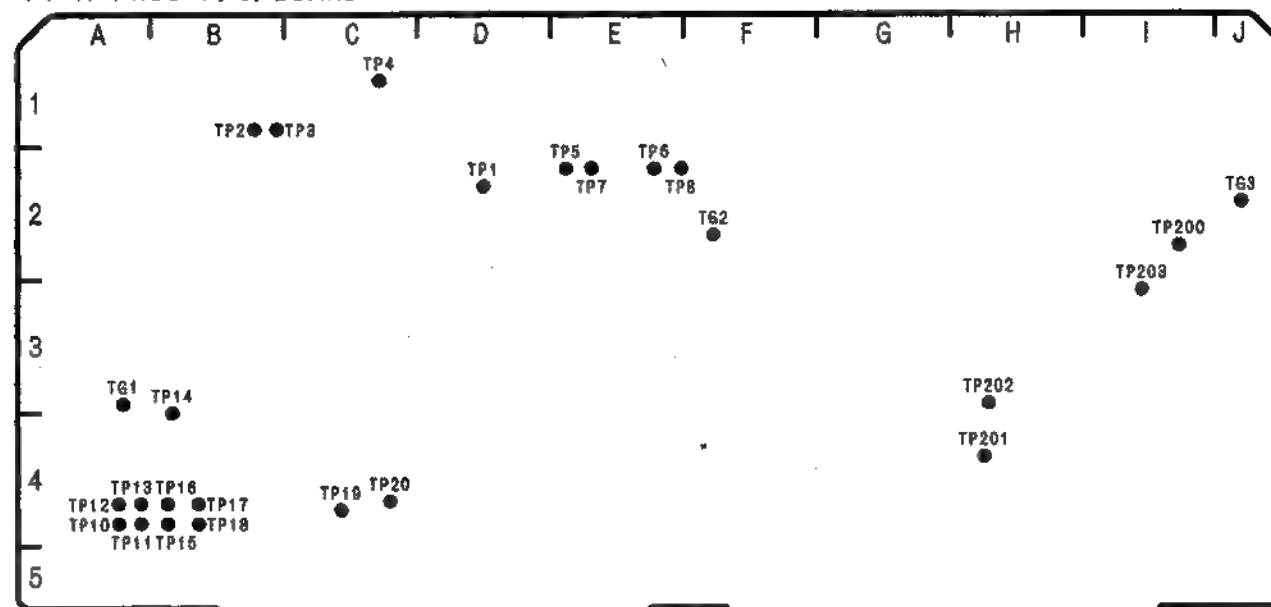
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⊙ ... FOIL SIDE



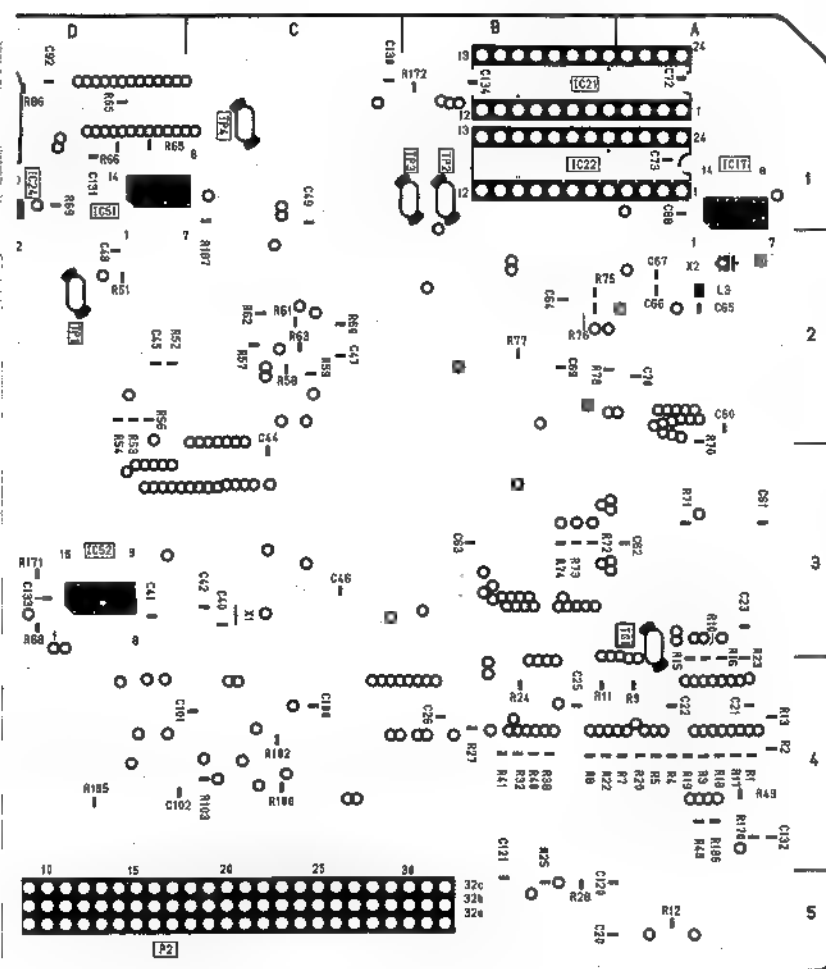
F7 A PROC									
Integrated Circuits		IC24		D-1		IC50		A-4	
IC1	A-4	IC25	E-1	IC51	D-1	TP7	E-2		
IC2	B-4	IC26	E-1	IC52	D-3	TP8	F-2		
IC4	A-5	IC27	E-1	IC53	F-3	TP10	A-4		
IC5	A-3	IC28	E-1	IC54	C-1	TP11	A-4		
IC6	B-4	IC30	D-4	IC56	E-2	TP12	A-4		
IC7	B-4	IC31	D-4	IC56	E-2	TP13	B-3		
IC8	B-5	IC34	D-4	IC57	B-1	TP14	B-4		
IC9	C-3	IC36	G-4	IC58	D-4	TP15	B-4		
IC10	D-3	IC36	G-4			TP16	B-4		
IC11	C-3	IC37	H-4	Test Points		TP17	B-4		
IC12	C-2	IC38	H-4			TP18	B-4		
IC13	D-1	IC39	H-4	Connectors		TP19	C-4		
IC14	D-3	IC40	I-4			TP20	C-4		
IC15	A-2	IC41	F-4	TG1	A-3				
IC16	A-3	IC42	F-3	TG2	F-2				
IC17	A-1	IC43	E-4	TG3	J-2				
IC19	B-2	IC44	E-3	TP1	D-2				
IC20	B-2	IC45	E-3	TP2	B-1				
IC23	A-1	IC46	F-2	TP3	B-1				
				TP4	C-1				
				TP5	E-2				

ADDRESS INFORMATION
 (C) ... COMPONENT SIDE
 (F) ... FOIL SIDE

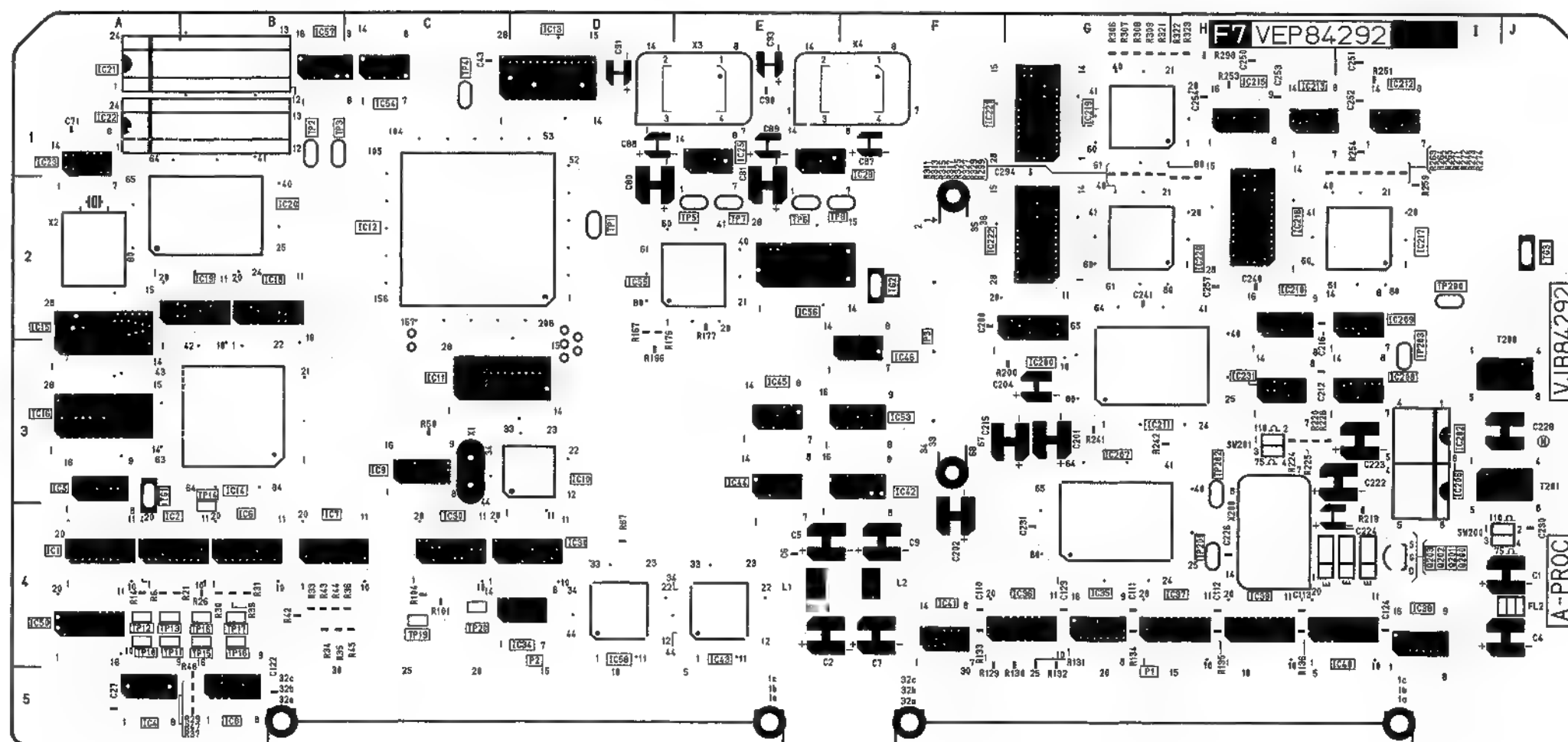
F7 A PROC P. C. BOARD



(COMPONENT SIDE)



(FOIL SIDE)



(COMPONENT SIDE)

F8 ADDA CUE P.C. BOARD (VEP84293A: AJ-D650/D640/D650P/D640P / VEP84293B: AJ-D650E/D640E)

F8 ADDA																						
Transistors		Q4342	E-3	Q4343	E-3	Q4344	E-3	Q4345	E-2	Q4346	D-2	Q4347	D-3	Q4348	E-3							
Q4221	G-3	Q4349 <th rowspan="5">Transistor-Resistors</th> <td>Q4350<th rowspan="5">Transistor-Resistors</th><td>Q4351<th rowspan="5">Transistor-Resistors</th><td>Q4352<th rowspan="5">Transistor-Resistors</th><td>Q4353<th rowspan="5">Transistor-Resistors</th><td>Q4354<th rowspan="5">Transistor-Resistors</th><td>Q4355<th rowspan="5">Transistor-Resistors</th></td></td></td></td></td></td>	Transistor-Resistors	Q4350 <th rowspan="5">Transistor-Resistors</th> <td>Q4351<th rowspan="5">Transistor-Resistors</th><td>Q4352<th rowspan="5">Transistor-Resistors</th><td>Q4353<th rowspan="5">Transistor-Resistors</th><td>Q4354<th rowspan="5">Transistor-Resistors</th><td>Q4355<th rowspan="5">Transistor-Resistors</th></td></td></td></td></td>	Transistor-Resistors	Q4351 <th rowspan="5">Transistor-Resistors</th> <td>Q4352<th rowspan="5">Transistor-Resistors</th><td>Q4353<th rowspan="5">Transistor-Resistors</th><td>Q4354<th rowspan="5">Transistor-Resistors</th><td>Q4355<th rowspan="5">Transistor-Resistors</th></td></td></td></td>	Transistor-Resistors	Q4352 <th rowspan="5">Transistor-Resistors</th> <td>Q4353<th rowspan="5">Transistor-Resistors</th><td>Q4354<th rowspan="5">Transistor-Resistors</th><td>Q4355<th rowspan="5">Transistor-Resistors</th></td></td></td>	Transistor-Resistors	Q4353 <th rowspan="5">Transistor-Resistors</th> <td>Q4354<th rowspan="5">Transistor-Resistors</th><td>Q4355<th rowspan="5">Transistor-Resistors</th></td></td>	Transistor-Resistors	Q4354 <th rowspan="5">Transistor-Resistors</th> <td>Q4355<th rowspan="5">Transistor-Resistors</th></td>	Transistor-Resistors	Q4355 <th rowspan="5">Transistor-Resistors</th>	Transistor-Resistors							
Q4222	G-3	Q4356 <td>Q4357<td>Q4358<td>Q4359<td>Q4360<td>Q4361<td>Q4362<td>Q4363<td>Q4364<td>Q4365<td>Q4366<td>Q4367<td>Q4368<td>Q4369</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4357 <td>Q4358<td>Q4359<td>Q4360<td>Q4361<td>Q4362<td>Q4363<td>Q4364<td>Q4365<td>Q4366<td>Q4367<td>Q4368<td>Q4369</td></td></td></td></td></td></td></td></td></td></td></td>		Q4358 <td>Q4359<td>Q4360<td>Q4361<td>Q4362<td>Q4363<td>Q4364<td>Q4365<td>Q4366<td>Q4367<td>Q4368<td>Q4369</td></td></td></td></td></td></td></td></td></td></td>		Q4359 <td>Q4360<td>Q4361<td>Q4362<td>Q4363<td>Q4364<td>Q4365<td>Q4366<td>Q4367<td>Q4368<td>Q4369</td></td></td></td></td></td></td></td></td></td>		Q4360 <td>Q4361<td>Q4362<td>Q4363<td>Q4364<td>Q4365<td>Q4366<td>Q4367<td>Q4368<td>Q4369</td></td></td></td></td></td></td></td></td>		Q4361 <td>Q4362<td>Q4363<td>Q4364<td>Q4365<td>Q4366<td>Q4367<td>Q4368<td>Q4369</td></td></td></td></td></td></td></td>		Q4362 <td>Q4363<td>Q4364<td>Q4365<td>Q4366<td>Q4367<td>Q4368<td>Q4369</td></td></td></td></td></td></td>		Q4363 <td>Q4364<td>Q4365<td>Q4366<td>Q4367<td>Q4368<td>Q4369</td></td></td></td></td></td>	Q4364 <td>Q4365<td>Q4366<td>Q4367<td>Q4368<td>Q4369</td></td></td></td></td>	Q4365 <td>Q4366<td>Q4367<td>Q4368<td>Q4369</td></td></td></td>	Q4366 <td>Q4367<td>Q4368<td>Q4369</td></td></td>	Q4367 <td>Q4368<td>Q4369</td></td>	Q4368 <td>Q4369</td>	Q4369
Q4223	G-3	Q4370 <td>Q4371<td>Q4372<td>Q4373<td>Q4374<td>Q4375<td>Q4376<td>Q4377<td>Q4378<td>Q4379<td>Q4380<td>Q4381<td>Q4382<td>Q4383</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4371 <td>Q4372<td>Q4373<td>Q4374<td>Q4375<td>Q4376<td>Q4377<td>Q4378<td>Q4379<td>Q4380<td>Q4381<td>Q4382<td>Q4383</td></td></td></td></td></td></td></td></td></td></td></td>		Q4372 <td>Q4373<td>Q4374<td>Q4375<td>Q4376<td>Q4377<td>Q4378<td>Q4379<td>Q4380<td>Q4381<td>Q4382<td>Q4383</td></td></td></td></td></td></td></td></td></td></td>		Q4373 <td>Q4374<td>Q4375<td>Q4376<td>Q4377<td>Q4378<td>Q4379<td>Q4380<td>Q4381<td>Q4382<td>Q4383</td></td></td></td></td></td></td></td></td></td>		Q4374 <td>Q4375<td>Q4376<td>Q4377<td>Q4378<td>Q4379<td>Q4380<td>Q4381<td>Q4382<td>Q4383</td></td></td></td></td></td></td></td></td>		Q4375 <td>Q4376<td>Q4377<td>Q4378<td>Q4379<td>Q4380<td>Q4381<td>Q4382<td>Q4383</td></td></td></td></td></td></td></td>		Q4376 <td>Q4377<td>Q4378<td>Q4379<td>Q4380<td>Q4381<td>Q4382<td>Q4383</td></td></td></td></td></td></td>		Q4377 <td>Q4378<td>Q4379<td>Q4380<td>Q4381<td>Q4382<td>Q4383</td></td></td></td></td></td>	Q4378 <td>Q4379<td>Q4380<td>Q4381<td>Q4382<td>Q4383</td></td></td></td></td>	Q4379 <td>Q4380<td>Q4381<td>Q4382<td>Q4383</td></td></td></td>	Q4380 <td>Q4381<td>Q4382<td>Q4383</td></td></td>	Q4381 <td>Q4382<td>Q4383</td></td>	Q4382 <td>Q4383</td>	Q4383
Q4224	G-3	Q4384 <td>Q4385<td>Q4386<td>Q4387<td>Q4388<td>Q4389<td>Q4390<td>Q4391<td>Q4392<td>Q4393<td>Q4394<td>Q4395<td>Q4396<td>Q4397</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4385 <td>Q4386<td>Q4387<td>Q4388<td>Q4389<td>Q4390<td>Q4391<td>Q4392<td>Q4393<td>Q4394<td>Q4395<td>Q4396<td>Q4397</td></td></td></td></td></td></td></td></td></td></td></td>		Q4386 <td>Q4387<td>Q4388<td>Q4389<td>Q4390<td>Q4391<td>Q4392<td>Q4393<td>Q4394<td>Q4395<td>Q4396<td>Q4397</td></td></td></td></td></td></td></td></td></td></td>		Q4387 <td>Q4388<td>Q4389<td>Q4390<td>Q4391<td>Q4392<td>Q4393<td>Q4394<td>Q4395<td>Q4396<td>Q4397</td></td></td></td></td></td></td></td></td></td>		Q4388 <td>Q4389<td>Q4390<td>Q4391<td>Q4392<td>Q4393<td>Q4394<td>Q4395<td>Q4396<td>Q4397</td></td></td></td></td></td></td></td></td>		Q4389 <td>Q4390<td>Q4391<td>Q4392<td>Q4393<td>Q4394<td>Q4395<td>Q4396<td>Q4397</td></td></td></td></td></td></td></td>		Q4390 <td>Q4391<td>Q4392<td>Q4393<td>Q4394<td>Q4395<td>Q4396<td>Q4397</td></td></td></td></td></td></td>		Q4391 <td>Q4392<td>Q4393<td>Q4394<td>Q4395<td>Q4396<td>Q4397</td></td></td></td></td></td>	Q4392 <td>Q4393<td>Q4394<td>Q4395<td>Q4396<td>Q4397</td></td></td></td></td>	Q4393 <td>Q4394<td>Q4395<td>Q4396<td>Q4397</td></td></td></td>	Q4394 <td>Q4395<td>Q4396<td>Q4397</td></td></td>	Q4395 <td>Q4396<td>Q4397</td></td>	Q4396 <td>Q4397</td>	Q4397
Q4225	G-2	Q4398 <td>Q4399<td>Q4400<td>Q4401<td>Q4402<td>Q4403<td>Q4404<td>Q4405<td>Q4406<td>Q4407<td>Q4408<td>Q4409<td>Q4410<td>Q4411</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4399 <td>Q4400<td>Q4401<td>Q4402<td>Q4403<td>Q4404<td>Q4405<td>Q4406<td>Q4407<td>Q4408<td>Q4409<td>Q4410<td>Q4411</td></td></td></td></td></td></td></td></td></td></td></td>		Q4400 <td>Q4401<td>Q4402<td>Q4403<td>Q4404<td>Q4405<td>Q4406<td>Q4407<td>Q4408<td>Q4409<td>Q4410<td>Q4411</td></td></td></td></td></td></td></td></td></td></td>		Q4401 <td>Q4402<td>Q4403<td>Q4404<td>Q4405<td>Q4406<td>Q4407<td>Q4408<td>Q4409<td>Q4410<td>Q4411</td></td></td></td></td></td></td></td></td></td>		Q4402 <td>Q4403<td>Q4404<td>Q4405<td>Q4406<td>Q4407<td>Q4408<td>Q4409<td>Q4410<td>Q4411</td></td></td></td></td></td></td></td></td>		Q4403 <td>Q4404<td>Q4405<td>Q4406<td>Q4407<td>Q4408<td>Q4409<td>Q4410<td>Q4411</td></td></td></td></td></td></td></td>		Q4404 <td>Q4405<td>Q4406<td>Q4407<td>Q4408<td>Q4409<td>Q4410<td>Q4411</td></td></td></td></td></td></td>		Q4405 <td>Q4406<td>Q4407<td>Q4408<td>Q4409<td>Q4410<td>Q4411</td></td></td></td></td></td>	Q4406 <td>Q4407<td>Q4408<td>Q4409<td>Q4410<td>Q4411</td></td></td></td></td>	Q4407 <td>Q4408<td>Q4409<td>Q4410<td>Q4411</td></td></td></td>	Q4408 <td>Q4409<td>Q4410<td>Q4411</td></td></td>	Q4409 <td>Q4410<td>Q4411</td></td>	Q4410 <td>Q4411</td>	Q4411
Q4226	G-3	Q4412 <th rowspan="5">Integrated Circuits</th> <td>Q4413<th rowspan="5">Integrated Circuits</th><td>Q4414<th rowspan="5">Integrated Circuits</th><td>Q4415<th rowspan="5">Integrated Circuits</th><td>Q4416<th rowspan="5">Integrated Circuits</th><td>Q4417<th rowspan="5">Integrated Circuits</th><td>Q4418<th rowspan="5">Integrated Circuits</th></td></td></td></td></td></td>	Integrated Circuits	Q4413 <th rowspan="5">Integrated Circuits</th> <td>Q4414<th rowspan="5">Integrated Circuits</th><td>Q4415<th rowspan="5">Integrated Circuits</th><td>Q4416<th rowspan="5">Integrated Circuits</th><td>Q4417<th rowspan="5">Integrated Circuits</th><td>Q4418<th rowspan="5">Integrated Circuits</th></td></td></td></td></td>	Integrated Circuits	Q4414 <th rowspan="5">Integrated Circuits</th> <td>Q4415<th rowspan="5">Integrated Circuits</th><td>Q4416<th rowspan="5">Integrated Circuits</th><td>Q4417<th rowspan="5">Integrated Circuits</th><td>Q4418<th rowspan="5">Integrated Circuits</th></td></td></td></td>	Integrated Circuits	Q4415 <th rowspan="5">Integrated Circuits</th> <td>Q4416<th rowspan="5">Integrated Circuits</th><td>Q4417<th rowspan="5">Integrated Circuits</th><td>Q4418<th rowspan="5">Integrated Circuits</th></td></td></td>	Integrated Circuits	Q4416 <th rowspan="5">Integrated Circuits</th> <td>Q4417<th rowspan="5">Integrated Circuits</th><td>Q4418<th rowspan="5">Integrated Circuits</th></td></td>	Integrated Circuits	Q4417 <th rowspan="5">Integrated Circuits</th> <td>Q4418<th rowspan="5">Integrated Circuits</th></td>	Integrated Circuits	Q4418 <th rowspan="5">Integrated Circuits</th>	Integrated Circuits							
Q4227	G-3	Q4419 <td>Q4420<td>Q4421<td>Q4422<td>Q4423<td>Q4424<td>Q4425<td>Q4426<td>Q4427<td>Q4428<td>Q4429<td>Q4430<td>Q4431<td>Q4432</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4420 <td>Q4421<td>Q4422<td>Q4423<td>Q4424<td>Q4425<td>Q4426<td>Q4427<td>Q4428<td>Q4429<td>Q4430<td>Q4431<td>Q4432</td></td></td></td></td></td></td></td></td></td></td></td>		Q4421 <td>Q4422<td>Q4423<td>Q4424<td>Q4425<td>Q4426<td>Q4427<td>Q4428<td>Q4429<td>Q4430<td>Q4431<td>Q4432</td></td></td></td></td></td></td></td></td></td></td>		Q4422 <td>Q4423<td>Q4424<td>Q4425<td>Q4426<td>Q4427<td>Q4428<td>Q4429<td>Q4430<td>Q4431<td>Q4432</td></td></td></td></td></td></td></td></td></td>		Q4423 <td>Q4424<td>Q4425<td>Q4426<td>Q4427<td>Q4428<td>Q4429<td>Q4430<td>Q4431<td>Q4432</td></td></td></td></td></td></td></td></td>		Q4424 <td>Q4425<td>Q4426<td>Q4427<td>Q4428<td>Q4429<td>Q4430<td>Q4431<td>Q4432</td></td></td></td></td></td></td></td>		Q4425 <td>Q4426<td>Q4427<td>Q4428<td>Q4429<td>Q4430<td>Q4431<td>Q4432</td></td></td></td></td></td></td>		Q4426 <td>Q4427<td>Q4428<td>Q4429<td>Q4430<td>Q4431<td>Q4432</td></td></td></td></td></td>	Q4427 <td>Q4428<td>Q4429<td>Q4430<td>Q4431<td>Q4432</td></td></td></td></td>	Q4428 <td>Q4429<td>Q4430<td>Q4431<td>Q4432</td></td></td></td>	Q4429 <td>Q4430<td>Q4431<td>Q4432</td></td></td>	Q4430 <td>Q4431<td>Q4432</td></td>	Q4431 <td>Q4432</td>	Q4432
Q4228	G-3	Q4433 <td>Q4434<td>Q4435<td>Q4436<td>Q4437<td>Q4438<td>Q4439<td>Q4440<td>Q4441<td>Q4442<td>Q4443<td>Q4444<td>Q4445<td>Q4446</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4434 <td>Q4435<td>Q4436<td>Q4437<td>Q4438<td>Q4439<td>Q4440<td>Q4441<td>Q4442<td>Q4443<td>Q4444<td>Q4445<td>Q4446</td></td></td></td></td></td></td></td></td></td></td></td>		Q4435 <td>Q4436<td>Q4437<td>Q4438<td>Q4439<td>Q4440<td>Q4441<td>Q4442<td>Q4443<td>Q4444<td>Q4445<td>Q4446</td></td></td></td></td></td></td></td></td></td></td>		Q4436 <td>Q4437<td>Q4438<td>Q4439<td>Q4440<td>Q4441<td>Q4442<td>Q4443<td>Q4444<td>Q4445<td>Q4446</td></td></td></td></td></td></td></td></td></td>		Q4437 <td>Q4438<td>Q4439<td>Q4440<td>Q4441<td>Q4442<td>Q4443<td>Q4444<td>Q4445<td>Q4446</td></td></td></td></td></td></td></td></td>		Q4438 <td>Q4439<td>Q4440<td>Q4441<td>Q4442<td>Q4443<td>Q4444<td>Q4445<td>Q4446</td></td></td></td></td></td></td></td>		Q4439 <td>Q4440<td>Q4441<td>Q4442<td>Q4443<td>Q4444<td>Q4445<td>Q4446</td></td></td></td></td></td></td>		Q4440 <td>Q4441<td>Q4442<td>Q4443<td>Q4444<td>Q4445<td>Q4446</td></td></td></td></td></td>	Q4441 <td>Q4442<td>Q4443<td>Q4444<td>Q4445<td>Q4446</td></td></td></td></td>	Q4442 <td>Q4443<td>Q4444<td>Q4445<td>Q4446</td></td></td></td>	Q4443 <td>Q4444<td>Q4445<td>Q4446</td></td></td>	Q4444 <td>Q4445<td>Q4446</td></td>	Q4445 <td>Q4446</td>	Q4446
Q4229	G-3	Q4447 <td>Q4448<td>Q4449<td>Q4450<td>Q4451<td>Q4452<td>Q4453<td>Q4454<td>Q4455<td>Q4456<td>Q4457<td>Q4458<td>Q4459<td>Q4460</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4448 <td>Q4449<td>Q4450<td>Q4451<td>Q4452<td>Q4453<td>Q4454<td>Q4455<td>Q4456<td>Q4457<td>Q4458<td>Q4459<td>Q4460</td></td></td></td></td></td></td></td></td></td></td></td>		Q4449 <td>Q4450<td>Q4451<td>Q4452<td>Q4453<td>Q4454<td>Q4455<td>Q4456<td>Q4457<td>Q4458<td>Q4459<td>Q4460</td></td></td></td></td></td></td></td></td></td></td>		Q4450 <td>Q4451<td>Q4452<td>Q4453<td>Q4454<td>Q4455<td>Q4456<td>Q4457<td>Q4458<td>Q4459<td>Q4460</td></td></td></td></td></td></td></td></td></td>		Q4451 <td>Q4452<td>Q4453<td>Q4454<td>Q4455<td>Q4456<td>Q4457<td>Q4458<td>Q4459<td>Q4460</td></td></td></td></td></td></td></td></td>		Q4452 <td>Q4453<td>Q4454<td>Q4455<td>Q4456<td>Q4457<td>Q4458<td>Q4459<td>Q4460</td></td></td></td></td></td></td></td>		Q4453 <td>Q4454<td>Q4455<td>Q4456<td>Q4457<td>Q4458<td>Q4459<td>Q4460</td></td></td></td></td></td></td>		Q4454 <td>Q4455<td>Q4456<td>Q4457<td>Q4458<td>Q4459<td>Q4460</td></td></td></td></td></td>	Q4455 <td>Q4456<td>Q4457<td>Q4458<td>Q4459<td>Q4460</td></td></td></td></td>	Q4456 <td>Q4457<td>Q4458<td>Q4459<td>Q4460</td></td></td></td>	Q4457 <td>Q4458<td>Q4459<td>Q4460</td></td></td>	Q4458 <td>Q4459<td>Q4460</td></td>	Q4459 <td>Q4460</td>	Q4460
Q4230	G-2	Q4461 <td>Q4462<td>Q4463<td>Q4464<td>Q4465<td>Q4466<td>Q4467<td>Q4468<td>Q4469<td>Q4470<td>Q4471<td>Q4472<td>Q4473<td>Q4474</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4462 <td>Q4463<td>Q4464<td>Q4465<td>Q4466<td>Q4467<td>Q4468<td>Q4469<td>Q4470<td>Q4471<td>Q4472<td>Q4473<td>Q4474</td></td></td></td></td></td></td></td></td></td></td></td>		Q4463 <td>Q4464<td>Q4465<td>Q4466<td>Q4467<td>Q4468<td>Q4469<td>Q4470<td>Q4471<td>Q4472<td>Q4473<td>Q4474</td></td></td></td></td></td></td></td></td></td></td>		Q4464 <td>Q4465<td>Q4466<td>Q4467<td>Q4468<td>Q4469<td>Q4470<td>Q4471<td>Q4472<td>Q4473<td>Q4474</td></td></td></td></td></td></td></td></td></td>		Q4465 <td>Q4466<td>Q4467<td>Q4468<td>Q4469<td>Q4470<td>Q4471<td>Q4472<td>Q4473<td>Q4474</td></td></td></td></td></td></td></td></td>		Q4466 <td>Q4467<td>Q4468<td>Q4469<td>Q4470<td>Q4471<td>Q4472<td>Q4473<td>Q4474</td></td></td></td></td></td></td></td>		Q4467 <td>Q4468<td>Q4469<td>Q4470<td>Q4471<td>Q4472<td>Q4473<td>Q4474</td></td></td></td></td></td></td>		Q4468 <td>Q4469<td>Q4470<td>Q4471<td>Q4472<td>Q4473<td>Q4474</td></td></td></td></td></td>	Q4469 <td>Q4470<td>Q4471<td>Q4472<td>Q4473<td>Q4474</td></td></td></td></td>	Q4470 <td>Q4471<td>Q4472<td>Q4473<td>Q4474</td></td></td></td>	Q4471 <td>Q4472<td>Q4473<td>Q4474</td></td></td>	Q4472 <td>Q4473<td>Q4474</td></td>	Q4473 <td>Q4474</td>	Q4474
Q4231	F-3	Q4475 <th rowspan="5">Connectors</th> <td>Q4476<th rowspan="5">Connectors</th><td>Q4477<th rowspan="5">Connectors</th><td>Q4478<th rowspan="5">Connectors</th><td>Q4479<th rowspan="5">Connectors</th><td>Q4480<th rowspan="5">Connectors</th><td>Q4481<th rowspan="5">Connectors</th></td></td></td></td></td></td>	Connectors	Q4476 <th rowspan="5">Connectors</th> <td>Q4477<th rowspan="5">Connectors</th><td>Q4478<th rowspan="5">Connectors</th><td>Q4479<th rowspan="5">Connectors</th><td>Q4480<th rowspan="5">Connectors</th><td>Q4481<th rowspan="5">Connectors</th></td></td></td></td></td>	Connectors	Q4477 <th rowspan="5">Connectors</th> <td>Q4478<th rowspan="5">Connectors</th><td>Q4479<th rowspan="5">Connectors</th><td>Q4480<th rowspan="5">Connectors</th><td>Q4481<th rowspan="5">Connectors</th></td></td></td></td>	Connectors	Q4478 <th rowspan="5">Connectors</th> <td>Q4479<th rowspan="5">Connectors</th><td>Q4480<th rowspan="5">Connectors</th><td>Q4481<th rowspan="5">Connectors</th></td></td></td>	Connectors	Q4479 <th rowspan="5">Connectors</th> <td>Q4480<th rowspan="5">Connectors</th><td>Q4481<th rowspan="5">Connectors</th></td></td>	Connectors	Q4480 <th rowspan="5">Connectors</th> <td>Q4481<th rowspan="5">Connectors</th></td>	Connectors	Q4481 <th rowspan="5">Connectors</th>	Connectors							
Q4232	F-3	Q4482 <td>Q4483<td>Q4484<td>Q4485<td>Q4486<td>Q4487<td>Q4488<td>Q4489<td>Q4490<td>Q4491<td>Q4492<td>Q4493<td>Q4494<td>Q4495</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4483 <td>Q4484<td>Q4485<td>Q4486<td>Q4487<td>Q4488<td>Q4489<td>Q4490<td>Q4491<td>Q4492<td>Q4493<td>Q4494<td>Q4495</td></td></td></td></td></td></td></td></td></td></td></td>		Q4484 <td>Q4485<td>Q4486<td>Q4487<td>Q4488<td>Q4489<td>Q4490<td>Q4491<td>Q4492<td>Q4493<td>Q4494<td>Q4495</td></td></td></td></td></td></td></td></td></td></td>		Q4485 <td>Q4486<td>Q4487<td>Q4488<td>Q4489<td>Q4490<td>Q4491<td>Q4492<td>Q4493<td>Q4494<td>Q4495</td></td></td></td></td></td></td></td></td></td>		Q4486 <td>Q4487<td>Q4488<td>Q4489<td>Q4490<td>Q4491<td>Q4492<td>Q4493<td>Q4494<td>Q4495</td></td></td></td></td></td></td></td></td>		Q4487 <td>Q4488<td>Q4489<td>Q4490<td>Q4491<td>Q4492<td>Q4493<td>Q4494<td>Q4495</td></td></td></td></td></td></td></td>		Q4488 <td>Q4489<td>Q4490<td>Q4491<td>Q4492<td>Q4493<td>Q4494<td>Q4495</td></td></td></td></td></td></td>		Q4489 <td>Q4490<td>Q4491<td>Q4492<td>Q4493<td>Q4494<td>Q4495</td></td></td></td></td></td>	Q4490 <td>Q4491<td>Q4492<td>Q4493<td>Q4494<td>Q4495</td></td></td></td></td>	Q4491 <td>Q4492<td>Q4493<td>Q4494<td>Q4495</td></td></td></td>	Q4492 <td>Q4493<td>Q4494<td>Q4495</td></td></td>	Q4493 <td>Q4494<td>Q4495</td></td>	Q4494 <td>Q4495</td>	Q4495
Q4233	F-3	Q4496 <td>Q4497<td>Q4498<td>Q4499<td>Q4500<td>Q4501<td>Q4502<td>Q4503<td>Q4504<td>Q4505<td>Q4506<td>Q4507<td>Q4508<td>Q4509</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4497 <td>Q4498<td>Q4499<td>Q4500<td>Q4501<td>Q4502<td>Q4503<td>Q4504<td>Q4505<td>Q4506<td>Q4507<td>Q4508<td>Q4509</td></td></td></td></td></td></td></td></td></td></td></td>		Q4498 <td>Q4499<td>Q4500<td>Q4501<td>Q4502<td>Q4503<td>Q4504<td>Q4505<td>Q4506<td>Q4507<td>Q4508<td>Q4509</td></td></td></td></td></td></td></td></td></td></td>		Q4499 <td>Q4500<td>Q4501<td>Q4502<td>Q4503<td>Q4504<td>Q4505<td>Q4506<td>Q4507<td>Q4508<td>Q4509</td></td></td></td></td></td></td></td></td></td>		Q4500 <td>Q4501<td>Q4502<td>Q4503<td>Q4504<td>Q4505<td>Q4506<td>Q4507<td>Q4508<td>Q4509</td></td></td></td></td></td></td></td></td>		Q4501 <td>Q4502<td>Q4503<td>Q4504<td>Q4505<td>Q4506<td>Q4507<td>Q4508<td>Q4509</td></td></td></td></td></td></td></td>		Q4502 <td>Q4503<td>Q4504<td>Q4505<td>Q4506<td>Q4507<td>Q4508<td>Q4509</td></td></td></td></td></td></td>		Q4503 <td>Q4504<td>Q4505<td>Q4506<td>Q4507<td>Q4508<td>Q4509</td></td></td></td></td></td>	Q4504 <td>Q4505<td>Q4506<td>Q4507<td>Q4508<td>Q4509</td></td></td></td></td>	Q4505 <td>Q4506<td>Q4507<td>Q4508<td>Q4509</td></td></td></td>	Q4506 <td>Q4507<td>Q4508<td>Q4509</td></td></td>	Q4507 <td>Q4508<td>Q4509</td></td>	Q4508 <td>Q4509</td>	Q4509
Q4234	F-3	Q4510 <td>Q4511<td>Q4512<td>Q4513<td>Q4514<td>Q4515<td>Q4516<td>Q4517<td>Q4518<td>Q4519<td>Q4520<td>Q4521<td>Q4522<td>Q4523</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4511 <td>Q4512<td>Q4513<td>Q4514<td>Q4515<td>Q4516<td>Q4517<td>Q4518<td>Q4519<td>Q4520<td>Q4521<td>Q4522<td>Q4523</td></td></td></td></td></td></td></td></td></td></td></td>		Q4512 <td>Q4513<td>Q4514<td>Q4515<td>Q4516<td>Q4517<td>Q4518<td>Q4519<td>Q4520<td>Q4521<td>Q4522<td>Q4523</td></td></td></td></td></td></td></td></td></td></td>		Q4513 <td>Q4514<td>Q4515<td>Q4516<td>Q4517<td>Q4518<td>Q4519<td>Q4520<td>Q4521<td>Q4522<td>Q4523</td></td></td></td></td></td></td></td></td></td>		Q4514 <td>Q4515<td>Q4516<td>Q4517<td>Q4518<td>Q4519<td>Q4520<td>Q4521<td>Q4522<td>Q4523</td></td></td></td></td></td></td></td></td>		Q4515 <td>Q4516<td>Q4517<td>Q4518<td>Q4519<td>Q4520<td>Q4521<td>Q4522<td>Q4523</td></td></td></td></td></td></td></td>		Q4516 <td>Q4517<td>Q4518<td>Q4519<td>Q4520<td>Q4521<td>Q4522<td>Q4523</td></td></td></td></td></td></td>		Q4517 <td>Q4518<td>Q4519<td>Q4520<td>Q4521<td>Q4522<td>Q4523</td></td></td></td></td></td>	Q4518 <td>Q4519<td>Q4520<td>Q4521<td>Q4522<td>Q4523</td></td></td></td></td>	Q4519 <td>Q4520<td>Q4521<td>Q4522<td>Q4523</td></td></td></td>	Q4520 <td>Q4521<td>Q4522<td>Q4523</td></td></td>	Q4521 <td>Q4522<td>Q4523</td></td>	Q4522 <td>Q4523</td>	Q4523
Q4235	F-2	Q4524 <td>Q4525<td>Q4526<td>Q4527<td>Q4528<td>Q4529<td>Q4530<td>Q4531<td>Q4532<td>Q4533<td>Q4534<td>Q4535<td>Q4536<td>Q4537</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4525 <td>Q4526<td>Q4527<td>Q4528<td>Q4529<td>Q4530<td>Q4531<td>Q4532<td>Q4533<td>Q4534<td>Q4535<td>Q4536<td>Q4537</td></td></td></td></td></td></td></td></td></td></td></td>		Q4526 <td>Q4527<td>Q4528<td>Q4529<td>Q4530<td>Q4531<td>Q4532<td>Q4533<td>Q4534<td>Q4535<td>Q4536<td>Q4537</td></td></td></td></td></td></td></td></td></td></td>		Q4527 <td>Q4528<td>Q4529<td>Q4530<td>Q4531<td>Q4532<td>Q4533<td>Q4534<td>Q4535<td>Q4536<td>Q4537</td></td></td></td></td></td></td></td></td></td>		Q4528 <td>Q4529<td>Q4530<td>Q4531<td>Q4532<td>Q4533<td>Q4534<td>Q4535<td>Q4536<td>Q4537</td></td></td></td></td></td></td></td></td>		Q4529 <td>Q4530<td>Q4531<td>Q4532<td>Q4533<td>Q4534<td>Q4535<td>Q4536<td>Q4537</td></td></td></td></td></td></td></td>		Q4530 <td>Q4531<td>Q4532<td>Q4533<td>Q4534<td>Q4535<td>Q4536<td>Q4537</td></td></td></td></td></td></td>		Q4531 <td>Q4532<td>Q4533<td>Q4534<td>Q4535<td>Q4536<td>Q4537</td></td></td></td></td></td>	Q4532 <td>Q4533<td>Q4534<td>Q4535<td>Q4536<td>Q4537</td></td></td></td></td>	Q4533 <td>Q4534<td>Q4535<td>Q4536<td>Q4537</td></td></td></td>	Q4534 <td>Q4535<td>Q4536<td>Q4537</td></td></td>	Q4535 <td>Q4536<td>Q4537</td></td>	Q4536 <td>Q4537</td>	Q4537
Q4236	E-3	Q4538 <th rowspan="5">Test Points</th> <td>Q4539<th rowspan="5">Test Points</th><td>Q4540<th rowspan="5">Test Points</th><td>Q4541<th rowspan="5">Test Points</th><td>Q4542<th rowspan="5">Test Points</th><td>Q4543<th rowspan="5">Test Points</th><td>Q4544<th rowspan="5">Test Points</th></td></td></td></td></td></td>	Test Points	Q4539 <th rowspan="5">Test Points</th> <td>Q4540<th rowspan="5">Test Points</th><td>Q4541<th rowspan="5">Test Points</th><td>Q4542<th rowspan="5">Test Points</th><td>Q4543<th rowspan="5">Test Points</th><td>Q4544<th rowspan="5">Test Points</th></td></td></td></td></td>	Test Points	Q4540 <th rowspan="5">Test Points</th> <td>Q4541<th rowspan="5">Test Points</th><td>Q4542<th rowspan="5">Test Points</th><td>Q4543<th rowspan="5">Test Points</th><td>Q4544<th rowspan="5">Test Points</th></td></td></td></td>	Test Points	Q4541 <th rowspan="5">Test Points</th> <td>Q4542<th rowspan="5">Test Points</th><td>Q4543<th rowspan="5">Test Points</th><td>Q4544<th rowspan="5">Test Points</th></td></td></td>	Test Points	Q4542 <th rowspan="5">Test Points</th> <td>Q4543<th rowspan="5">Test Points</th><td>Q4544<th rowspan="5">Test Points</th></td></td>	Test Points	Q4543 <th rowspan="5">Test Points</th> <td>Q4544<th rowspan="5">Test Points</th></td>	Test Points	Q4544 <th rowspan="5">Test Points</th>	Test Points							
Q4237	F-3	Q4545 <td>Q4546<td>Q4547<td>Q4548<td>Q4549<td>Q4550<td>Q4551<td>Q4552<td>Q4553<td>Q4554<td>Q4555<td>Q4556<td>Q4557<td>Q4558</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4546 <td>Q4547<td>Q4548<td>Q4549<td>Q4550<td>Q4551<td>Q4552<td>Q4553<td>Q4554<td>Q4555<td>Q4556<td>Q4557<td>Q4558</td></td></td></td></td></td></td></td></td></td></td></td>		Q4547 <td>Q4548<td>Q4549<td>Q4550<td>Q4551<td>Q4552<td>Q4553<td>Q4554<td>Q4555<td>Q4556<td>Q4557<td>Q4558</td></td></td></td></td></td></td></td></td></td></td>		Q4548 <td>Q4549<td>Q4550<td>Q4551<td>Q4552<td>Q4553<td>Q4554<td>Q4555<td>Q4556<td>Q4557<td>Q4558</td></td></td></td></td></td></td></td></td></td>		Q4549 <td>Q4550<td>Q4551<td>Q4552<td>Q4553<td>Q4554<td>Q4555<td>Q4556<td>Q4557<td>Q4558</td></td></td></td></td></td></td></td></td>		Q4550 <td>Q4551<td>Q4552<td>Q4553<td>Q4554<td>Q4555<td>Q4556<td>Q4557<td>Q4558</td></td></td></td></td></td></td></td>		Q4551 <td>Q4552<td>Q4553<td>Q4554<td>Q4555<td>Q4556<td>Q4557<td>Q4558</td></td></td></td></td></td></td>		Q4552 <td>Q4553<td>Q4554<td>Q4555<td>Q4556<td>Q4557<td>Q4558</td></td></td></td></td></td>	Q4553 <td>Q4554<td>Q4555<td>Q4556<td>Q4557<td>Q4558</td></td></td></td></td>	Q4554 <td>Q4555<td>Q4556<td>Q4557<td>Q4558</td></td></td></td>	Q4555 <td>Q4556<td>Q4557<td>Q4558</td></td></td>	Q4556 <td>Q4557<td>Q4558</td></td>	Q4557 <td>Q4558</td>	Q4558
Q4238	F-3	Q4559 <td>Q4560<td>Q4561<td>Q4562<td>Q4563<td>Q4564<td>Q4565<td>Q4566<td>Q4567<td>Q4568<td>Q4569<td>Q4570<td>Q4571<td>Q4572</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4560 <td>Q4561<td>Q4562<td>Q4563<td>Q4564<td>Q4565<td>Q4566<td>Q4567<td>Q4568<td>Q4569<td>Q4570<td>Q4571<td>Q4572</td></td></td></td></td></td></td></td></td></td></td></td>		Q4561 <td>Q4562<td>Q4563<td>Q4564<td>Q4565<td>Q4566<td>Q4567<td>Q4568<td>Q4569<td>Q4570<td>Q4571<td>Q4572</td></td></td></td></td></td></td></td></td></td></td>		Q4562 <td>Q4563<td>Q4564<td>Q4565<td>Q4566<td>Q4567<td>Q4568<td>Q4569<td>Q4570<td>Q4571<td>Q4572</td></td></td></td></td></td></td></td></td></td>		Q4563 <td>Q4564<td>Q4565<td>Q4566<td>Q4567<td>Q4568<td>Q4569<td>Q4570<td>Q4571<td>Q4572</td></td></td></td></td></td></td></td></td>		Q4564 <td>Q4565<td>Q4566<td>Q4567<td>Q4568<td>Q4569<td>Q4570<td>Q4571<td>Q4572</td></td></td></td></td></td></td></td>		Q4565 <td>Q4566<td>Q4567<td>Q4568<td>Q4569<td>Q4570<td>Q4571<td>Q4572</td></td></td></td></td></td></td>		Q4566 <td>Q4567<td>Q4568<td>Q4569<td>Q4570<td>Q4571<td>Q4572</td></td></td></td></td></td>	Q4567 <td>Q4568<td>Q4569<td>Q4570<td>Q4571<td>Q4572</td></td></td></td></td>	Q4568 <td>Q4569<td>Q4570<td>Q4571<td>Q4572</td></td></td></td>	Q4569 <td>Q4570<td>Q4571<td>Q4572</td></td></td>	Q4570 <td>Q4571<td>Q4572</td></td>	Q4571 <td>Q4572</td>	Q4572
Q4239	F-3	Q4573 <td>Q4574<td>Q4575<td>Q4576<td>Q4577<td>Q4578<td>Q4579<td>Q4580<td>Q4581<td>Q4582<td>Q4583<td>Q4584<td>Q4585<td>Q4586</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4574 <td>Q4575<td>Q4576<td>Q4577<td>Q4578<td>Q4579<td>Q4580<td>Q4581<td>Q4582<td>Q4583<td>Q4584<td>Q4585<td>Q4586</td></td></td></td></td></td></td></td></td></td></td></td>		Q4575 <td>Q4576<td>Q4577<td>Q4578<td>Q4579<td>Q4580<td>Q4581<td>Q4582<td>Q4583<td>Q4584<td>Q4585<td>Q4586</td></td></td></td></td></td></td></td></td></td></td>		Q4576 <td>Q4577<td>Q4578<td>Q4579<td>Q4580<td>Q4581<td>Q4582<td>Q4583<td>Q4584<td>Q4585<td>Q4586</td></td></td></td></td></td></td></td></td></td>		Q4577 <td>Q4578<td>Q4579<td>Q4580<td>Q4581<td>Q4582<td>Q4583<td>Q4584<td>Q4585<td>Q4586</td></td></td></td></td></td></td></td></td>		Q4578 <td>Q4579<td>Q4580<td>Q4581<td>Q4582<td>Q4583<td>Q4584<td>Q4585<td>Q4586</td></td></td></td></td></td></td></td>		Q4579 <td>Q4580<td>Q4581<td>Q4582<td>Q4583<td>Q4584<td>Q4585<td>Q4586</td></td></td></td></td></td></td>		Q4580 <td>Q4581<td>Q4582<td>Q4583<td>Q4584<td>Q4585<td>Q4586</td></td></td></td></td></td>	Q4581 <td>Q4582<td>Q4583<td>Q4584<td>Q4585<td>Q4586</td></td></td></td></td>	Q4582 <td>Q4583<td>Q4584<td>Q4585<td>Q4586</td></td></td></td>	Q4583 <td>Q4584<td>Q4585<td>Q4586</td></td></td>	Q4584 <td>Q4585<td>Q4586</td></td>	Q4585 <td>Q4586</td>	Q4586
Q4240	F-2	Q4587 <td>Q4588<td>Q4589<td>Q4590<td>Q4591<td>Q4592<td>Q4593<td>Q4594<td>Q4595<td>Q4596<td>Q4597<td>Q4598<td>Q4599<td>Q4600</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4588 <td>Q4589<td>Q4590<td>Q4591<td>Q4592<td>Q4593<td>Q4594<td>Q4595<td>Q4596<td>Q4597<td>Q4598<td>Q4599<td>Q4600</td></td></td></td></td></td></td></td></td></td></td></td>		Q4589 <td>Q4590<td>Q4591<td>Q4592<td>Q4593<td>Q4594<td>Q4595<td>Q4596<td>Q4597<td>Q4598<td>Q4599<td>Q4600</td></td></td></td></td></td></td></td></td></td></td>		Q4590 <td>Q4591<td>Q4592<td>Q4593<td>Q4594<td>Q4595<td>Q4596<td>Q4597<td>Q4598<td>Q4599<td>Q4600</td></td></td></td></td></td></td></td></td></td>		Q4591 <td>Q4592<td>Q4593<td>Q4594<td>Q4595<td>Q4596<td>Q4597<td>Q4598<td>Q4599<td>Q4600</td></td></td></td></td></td></td></td></td>		Q4592 <td>Q4593<td>Q4594<td>Q4595<td>Q4596<td>Q4597<td>Q4598<td>Q4599<td>Q4600</td></td></td></td></td></td></td></td>		Q4593 <td>Q4594<td>Q4595<td>Q4596<td>Q4597<td>Q4598<td>Q4599<td>Q4600</td></td></td></td></td></td></td>		Q4594 <td>Q4595<td>Q4596<td>Q4597<td>Q4598<td>Q4599<td>Q4600</td></td></td></td></td></td>	Q4595 <td>Q4596<td>Q4597<td>Q4598<td>Q4599<td>Q4600</td></td></td></td></td>	Q4596 <td>Q4597<td>Q4598<td>Q4599<td>Q4600</td></td></td></td>	Q4597 <td>Q4598<td>Q4599<td>Q4600</td></td></td>	Q4598 <td>Q4599<td>Q4600</td></td>	Q4599 <td>Q4600</td>	Q4600
Q4241	E-3	Q4601 <th rowspan="5">Adjustments</th> <td>Q4602<th rowspan="5">Adjustments</th><td>Q4603<th rowspan="5">Adjustments</th><td>Q4604<th rowspan="5">Adjustments</th><td>Q4605<th rowspan="5">Adjustments</th><td>Q4606<th rowspan="5">Adjustments</th><td>Q4607<th rowspan="5">Adjustments</th></td></td></td></td></td></td>	Adjustments	Q4602 <th rowspan="5">Adjustments</th> <td>Q4603<th rowspan="5">Adjustments</th><td>Q4604<th rowspan="5">Adjustments</th><td>Q4605<th rowspan="5">Adjustments</th><td>Q4606<th rowspan="5">Adjustments</th><td>Q4607<th rowspan="5">Adjustments</th></td></td></td></td></td>	Adjustments	Q4603 <th rowspan="5">Adjustments</th> <td>Q4604<th rowspan="5">Adjustments</th><td>Q4605<th rowspan="5">Adjustments</th><td>Q4606<th rowspan="5">Adjustments</th><td>Q4607<th rowspan="5">Adjustments</th></td></td></td></td>	Adjustments	Q4604 <th rowspan="5">Adjustments</th> <td>Q4605<th rowspan="5">Adjustments</th><td>Q4606<th rowspan="5">Adjustments</th><td>Q4607<th rowspan="5">Adjustments</th></td></td></td>	Adjustments	Q4605 <th rowspan="5">Adjustments</th> <td>Q4606<th rowspan="5">Adjustments</th><td>Q4607<th rowspan="5">Adjustments</th></td></td>	Adjustments	Q4606 <th rowspan="5">Adjustments</th> <td>Q4607<th rowspan="5">Adjustments</th></td>	Adjustments	Q4607 <th rowspan="5">Adjustments</th>	Adjustments							
Q4242	E-3	Q4608 <td>Q4609<td>Q4610<td>Q4611<td>Q4612<td>Q4613<td>Q4614<td>Q4615<td>Q4616<td>Q4617<td>Q4618<td>Q4619<td>Q4620<td>Q4621</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4609 <td>Q4610<td>Q4611<td>Q4612<td>Q4613<td>Q4614<td>Q4615<td>Q4616<td>Q4617<td>Q4618<td>Q4619<td>Q4620<td>Q4621</td></td></td></td></td></td></td></td></td></td></td></td>		Q4610 <td>Q4611<td>Q4612<td>Q4613<td>Q4614<td>Q4615<td>Q4616<td>Q4617<td>Q4618<td>Q4619<td>Q4620<td>Q4621</td></td></td></td></td></td></td></td></td></td></td>		Q4611 <td>Q4612<td>Q4613<td>Q4614<td>Q4615<td>Q4616<td>Q4617<td>Q4618<td>Q4619<td>Q4620<td>Q4621</td></td></td></td></td></td></td></td></td></td>		Q4612 <td>Q4613<td>Q4614<td>Q4615<td>Q4616<td>Q4617<td>Q4618<td>Q4619<td>Q4620<td>Q4621</td></td></td></td></td></td></td></td></td>		Q4613 <td>Q4614<td>Q4615<td>Q4616<td>Q4617<td>Q4618<td>Q4619<td>Q4620<td>Q4621</td></td></td></td></td></td></td></td>		Q4614 <td>Q4615<td>Q4616<td>Q4617<td>Q4618<td>Q4619<td>Q4620<td>Q4621</td></td></td></td></td></td></td>		Q4615 <td>Q4616<td>Q4617<td>Q4618<td>Q4619<td>Q4620<td>Q4621</td></td></td></td></td></td>	Q4616 <td>Q4617<td>Q4618<td>Q4619<td>Q4620<td>Q4621</td></td></td></td></td>	Q4617 <td>Q4618<td>Q4619<td>Q4620<td>Q4621</td></td></td></td>	Q4618 <td>Q4619<td>Q4620<td>Q4621</td></td></td>	Q4619 <td>Q4620<td>Q4621</td></td>	Q4620 <td>Q4621</td>	Q4621
Q4243	E-3	Q4622 <td>Q4623<td>Q4624<td>Q4625<td>Q4626<td>Q4627<td>Q4628<td>Q4629<td>Q4630<td>Q4631<td>Q4632<td>Q4633<td>Q4634<td>Q4635</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4623 <td>Q4624<td>Q4625<td>Q4626<td>Q4627<td>Q4628<td>Q4629<td>Q4630<td>Q4631<td>Q4632<td>Q4633<td>Q4634<td>Q4635</td></td></td></td></td></td></td></td></td></td></td></td>		Q4624 <td>Q4625<td>Q4626<td>Q4627<td>Q4628<td>Q4629<td>Q4630<td>Q4631<td>Q4632<td>Q4633<td>Q4634<td>Q4635</td></td></td></td></td></td></td></td></td></td></td>		Q4625 <td>Q4626<td>Q4627<td>Q4628<td>Q4629<td>Q4630<td>Q4631<td>Q4632<td>Q4633<td>Q4634<td>Q4635</td></td></td></td></td></td></td></td></td></td>		Q4626 <td>Q4627<td>Q4628<td>Q4629<td>Q4630<td>Q4631<td>Q4632<td>Q4633<td>Q4634<td>Q4635</td></td></td></td></td></td></td></td></td>		Q4627 <td>Q4628<td>Q4629<td>Q4630<td>Q4631<td>Q4632<td>Q4633<td>Q4634<td>Q4635</td></td></td></td></td></td></td></td>		Q4628 <td>Q4629<td>Q4630<td>Q4631<td>Q4632<td>Q4633<td>Q4634<td>Q4635</td></td></td></td></td></td></td>		Q4629 <td>Q4630<td>Q4631<td>Q4632<td>Q4633<td>Q4634<td>Q4635</td></td></td></td></td></td>	Q4630 <td>Q4631<td>Q4632<td>Q4633<td>Q4634<td>Q4635</td></td></td></td></td>	Q4631 <td>Q4632<td>Q4633<td>Q4634<td>Q4635</td></td></td></td>	Q4632 <td>Q4633<td>Q4634<td>Q4635</td></td></td>	Q4633 <td>Q4634<td>Q4635</td></td>	Q4634 <td>Q4635</td>	Q4635
Q4244	E-3	Q4636 <td>Q4637<td>Q4638<td>Q4639<td>Q4640<td>Q4641<td>Q4642<td>Q4643<td>Q4644<td>Q4645<td>Q4646<td>Q4647<td>Q4648<td>Q4649</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4637 <td>Q4638<td>Q4639<td>Q4640<td>Q4641<td>Q4642<td>Q4643<td>Q4644<td>Q4645<td>Q4646<td>Q4647<td>Q4648<td>Q4649</td></td></td></td></td></td></td></td></td></td></td></td>		Q4638 <td>Q4639<td>Q4640<td>Q4641<td>Q4642<td>Q4643<td>Q4644<td>Q4645<td>Q4646<td>Q4647<td>Q4648<td>Q4649</td></td></td></td></td></td></td></td></td></td></td>		Q4639 <td>Q4640<td>Q4641<td>Q4642<td>Q4643<td>Q4644<td>Q4645<td>Q4646<td>Q4647<td>Q4648<td>Q4649</td></td></td></td></td></td></td></td></td></td>		Q4640 <td>Q4641<td>Q4642<td>Q4643<td>Q4644<td>Q4645<td>Q4646<td>Q4647<td>Q4648<td>Q4649</td></td></td></td></td></td></td></td></td>		Q4641 <td>Q4642<td>Q4643<td>Q4644<td>Q4645<td>Q4646<td>Q4647<td>Q4648<td>Q4649</td></td></td></td></td></td></td></td>		Q4642 <td>Q4643<td>Q4644<td>Q4645<td>Q4646<td>Q4647<td>Q4648<td>Q4649</td></td></td></td></td></td></td>		Q4643 <td>Q4644<td>Q4645<td>Q4646<td>Q4647<td>Q4648<td>Q4649</td></td></td></td></td></td>	Q4644 <td>Q4645<td>Q4646<td>Q4647<td>Q4648<td>Q4649</td></td></td></td></td>	Q4645 <td>Q4646<td>Q4647<td>Q4648<td>Q4649</td></td></td></td>	Q4646 <td>Q4647<td>Q4648<td>Q4649</td></td></td>	Q4647 <td>Q4648<td>Q4649</td></td>	Q4648 <td>Q4649</td>	Q4649
Q4245	E-3	Q4650 <td>Q4651<td>Q4652<td>Q4653<td>Q4654<td>Q4655<td>Q4656<td>Q4657<td>Q4658<td>Q4659<td>Q4660<td>Q4661<td>Q4662<td>Q4663</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4651 <td>Q4652<td>Q4653<td>Q4654<td>Q4655<td>Q4656<td>Q4657<td>Q4658<td>Q4659<td>Q4660<td>Q4661<td>Q4662<td>Q4663</td></td></td></td></td></td></td></td></td></td></td></td>		Q4652 <td>Q4653<td>Q4654<td>Q4655<td>Q4656<td>Q4657<td>Q4658<td>Q4659<td>Q4660<td>Q4661<td>Q4662<td>Q4663</td></td></td></td></td></td></td></td></td></td></td>		Q4653 <td>Q4654<td>Q4655<td>Q4656<td>Q4657<td>Q4658<td>Q4659<td>Q4660<td>Q4661<td>Q4662<td>Q4663</td></td></td></td></td></td></td></td></td></td>		Q4654 <td>Q4655<td>Q4656<td>Q4657<td>Q4658<td>Q4659<td>Q4660<td>Q4661<td>Q4662<td>Q4663</td></td></td></td></td></td></td></td></td>		Q4655 <td>Q4656<td>Q4657<td>Q4658<td>Q4659<td>Q4660<td>Q4661<td>Q4662<td>Q4663</td></td></td></td></td></td></td></td>		Q4656 <td>Q4657<td>Q4658<td>Q4659<td>Q4660<td>Q4661<td>Q4662<td>Q4663</td></td></td></td></td></td></td>		Q4657 <td>Q4658<td>Q4659<td>Q4660<td>Q4661<td>Q4662<td>Q4663</td></td></td></td></td></td>	Q4658 <td>Q4659<td>Q4660<td>Q4661<td>Q4662<td>Q4663</td></td></td></td></td>	Q4659 <td>Q4660<td>Q4661<td>Q4662<td>Q4663</td></td></td></td>	Q4660 <td>Q4661<td>Q4662<td>Q4663</td></td></td>	Q4661 <td>Q4662<td>Q4663</td></td>	Q4662 <td>Q4663</td>	Q4663
Q4246	G-3	Q4664 <th rowspan="5">Switches</th> <td>Q4665<th rowspan="5">Switches</th><td>Q4666<th rowspan="5">Switches</th><td>Q4667<th rowspan="5">Switches</th><td>Q4668<th rowspan="5">Switches</th><td>Q4669<th rowspan="5">Switches</th><td>Q4670<th rowspan="5">Switches</th></td></td></td></td></td></td>	Switches	Q4665 <th rowspan="5">Switches</th> <td>Q4666<th rowspan="5">Switches</th><td>Q4667<th rowspan="5">Switches</th><td>Q4668<th rowspan="5">Switches</th><td>Q4669<th rowspan="5">Switches</th><td>Q4670<th rowspan="5">Switches</th></td></td></td></td></td>	Switches	Q4666 <th rowspan="5">Switches</th> <td>Q4667<th rowspan="5">Switches</th><td>Q4668<th rowspan="5">Switches</th><td>Q4669<th rowspan="5">Switches</th><td>Q4670<th rowspan="5">Switches</th></td></td></td></td>	Switches	Q4667 <th rowspan="5">Switches</th> <td>Q4668<th rowspan="5">Switches</th><td>Q4669<th rowspan="5">Switches</th><td>Q4670<th rowspan="5">Switches</th></td></td></td>	Switches	Q4668 <th rowspan="5">Switches</th> <td>Q4669<th rowspan="5">Switches</th><td>Q4670<th rowspan="5">Switches</th></td></td>	Switches	Q4669 <th rowspan="5">Switches</th> <td>Q4670<th rowspan="5">Switches</th></td>	Switches	Q4670 <th rowspan="5">Switches</th>	Switches							
Q4247	G-3	Q4671 <td>Q4672<td>Q4673<td>Q4674<td>Q4675<td>Q4676<td>Q4677<td>Q4678<td>Q4679<td>Q4680<td>Q4681<td>Q4682<td>Q4683<td>Q4684</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4672 <td>Q4673<td>Q4674<td>Q4675<td>Q4676<td>Q4677<td>Q4678<td>Q4679<td>Q4680<td>Q4681<td>Q4682<td>Q4683<td>Q4684</td></td></td></td></td></td></td></td></td></td></td></td>		Q4673 <td>Q4674<td>Q4675<td>Q4676<td>Q4677<td>Q4678<td>Q4679<td>Q4680<td>Q4681<td>Q4682<td>Q4683<td>Q4684</td></td></td></td></td></td></td></td></td></td></td>		Q4674 <td>Q4675<td>Q4676<td>Q4677<td>Q4678<td>Q4679<td>Q4680<td>Q4681<td>Q4682<td>Q4683<td>Q4684</td></td></td></td></td></td></td></td></td></td>		Q4675 <td>Q4676<td>Q4677<td>Q4678<td>Q4679<td>Q4680<td>Q4681<td>Q4682<td>Q4683<td>Q4684</td></td></td></td></td></td></td></td></td>		Q4676 <td>Q4677<td>Q4678<td>Q4679<td>Q4680<td>Q4681<td>Q4682<td>Q4683<td>Q4684</td></td></td></td></td></td></td></td>		Q4677 <td>Q4678<td>Q4679<td>Q4680<td>Q4681<td>Q4682<td>Q4683<td>Q4684</td></td></td></td></td></td></td>		Q4678 <td>Q4679<td>Q4680<td>Q4681<td>Q4682<td>Q4683<td>Q4684</td></td></td></td></td></td>	Q4679 <td>Q4680<td>Q4681<td>Q4682<td>Q4683<td>Q4684</td></td></td></td></td>	Q4680 <td>Q4681<td>Q4682<td>Q4683<td>Q4684</td></td></td></td>	Q4681 <td>Q4682<td>Q4683<td>Q4684</td></td></td>	Q4682 <td>Q4683<td>Q4684</td></td>	Q4683 <td>Q4684</td>	Q4684
Q4248	G-3	Q4685 <td>Q4686<td>Q4687<td>Q4688<td>Q4689<td>Q4690<td>Q4691<td>Q4692<td>Q4693<td>Q4694<td>Q4695<td>Q4696<td>Q4697<td>Q4698</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4686 <td>Q4687<td>Q4688<td>Q4689<td>Q4690<td>Q4691<td>Q4692<td>Q4693<td>Q4694<td>Q4695<td>Q4696<td>Q4697<td>Q4698</td></td></td></td></td></td></td></td></td></td></td></td>		Q4687 <td>Q4688<td>Q4689<td>Q4690<td>Q4691<td>Q4692<td>Q4693<td>Q4694<td>Q4695<td>Q4696<td>Q4697<td>Q4698</td></td></td></td></td></td></td></td></td></td></td>		Q4688 <td>Q4689<td>Q4690<td>Q4691<td>Q4692<td>Q4693<td>Q4694<td>Q4695<td>Q4696<td>Q4697<td>Q4698</td></td></td></td></td></td></td></td></td></td>		Q4689 <td>Q4690<td>Q4691<td>Q4692<td>Q4693<td>Q4694<td>Q4695<td>Q4696<td>Q4697<td>Q4698</td></td></td></td></td></td></td></td></td>		Q4690 <td>Q4691<td>Q4692<td>Q4693<td>Q4694<td>Q4695<td>Q4696<td>Q4697<td>Q4698</td></td></td></td></td></td></td></td>		Q4691 <td>Q4692<td>Q4693<td>Q4694<td>Q4695<td>Q4696<td>Q4697<td>Q4698</td></td></td></td></td></td></td>		Q4692 <td>Q4693<td>Q4694<td>Q4695<td>Q4696<td>Q4697<td>Q4698</td></td></td></td></td></td>	Q4693 <td>Q4694<td>Q4695<td>Q4696<td>Q4697<td>Q4698</td></td></td></td></td>	Q4694 <td>Q4695<td>Q4696<td>Q4697<td>Q4698</td></td></td></td>	Q4695 <td>Q4696<td>Q4697<td>Q4698</td></td></td>	Q4696 <td>Q4697<td>Q4698</td></td>	Q4697 <td>Q4698</td>	Q4698
Q4249	G-3	Q4699 <td>Q4700<td>Q4701<td>Q4702<td>Q4703<td>Q4704<td>Q4705<td>Q4706<td>Q4707<td>Q4708<td>Q4709<td>Q4710<td>Q4711<td>Q4712</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4700 <td>Q4701<td>Q4702<td>Q4703<td>Q4704<td>Q4705<td>Q4706<td>Q4707<td>Q4708<td>Q4709<td>Q4710<td>Q4711<td>Q4712</td></td></td></td></td></td></td></td></td></td></td></td>		Q4701 <td>Q4702<td>Q4703<td>Q4704<td>Q4705<td>Q4706<td>Q4707<td>Q4708<td>Q4709<td>Q4710<td>Q4711<td>Q4712</td></td></td></td></td></td></td></td></td></td></td>		Q4702 <td>Q4703<td>Q4704<td>Q4705<td>Q4706<td>Q4707<td>Q4708<td>Q4709<td>Q4710<td>Q4711<td>Q4712</td></td></td></td></td></td></td></td></td></td>		Q4703 <td>Q4704<td>Q4705<td>Q4706<td>Q4707<td>Q4708<td>Q4709<td>Q4710<td>Q4711<td>Q4712</td></td></td></td></td></td></td></td></td>		Q4704 <td>Q4705<td>Q4706<td>Q4707<td>Q4708<td>Q4709<td>Q4710<td>Q4711<td>Q4712</td></td></td></td></td></td></td></td>		Q4705 <td>Q4706<td>Q4707<td>Q4708<td>Q4709<td>Q4710<td>Q4711<td>Q4712</td></td></td></td></td></td></td>		Q4706 <td>Q4707<td>Q4708<td>Q4709<td>Q4710<td>Q4711<td>Q4712</td></td></td></td></td></td>	Q4707 <td>Q4708<td>Q4709<td>Q4710<td>Q4711<td>Q4712</td></td></td></td></td>	Q4708 <td>Q4709<td>Q4710<td>Q4711<td>Q4712</td></td></td></td>	Q4709 <td>Q4710<td>Q4711<td>Q4712</td></td></td>	Q4710 <td>Q4711<td>Q4712</td></td>	Q4711 <td>Q4712</td>	Q4712
Q4250	G-3	Q4713 <td>Q4714<td>Q4715<td>Q4716<td>Q4717<td>Q4718<td>Q4719<td>Q4720<td>Q4721<td>Q4722<td>Q4723<td>Q4724<td>Q4725<td>Q4726</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4714 <td>Q4715<td>Q4716<td>Q4717<td>Q4718<td>Q4719<td>Q4720<td>Q4721<td>Q4722<td>Q4723<td>Q4724<td>Q4725<td>Q4726</td></td></td></td></td></td></td></td></td></td></td></td>		Q4715 <td>Q4716<td>Q4717<td>Q4718<td>Q4719<td>Q4720<td>Q4721<td>Q4722<td>Q4723<td>Q4724<td>Q4725<td>Q4726</td></td></td></td></td></td></td></td></td></td></td>		Q4716 <td>Q4717<td>Q4718<td>Q4719<td>Q4720<td>Q4721<td>Q4722<td>Q4723<td>Q4724<td>Q4725<td>Q4726</td></td></td></td></td></td></td></td></td></td>		Q4717 <td>Q4718<td>Q4719<td>Q4720<td>Q4721<td>Q4722<td>Q4723<td>Q4724<td>Q4725<td>Q4726</td></td></td></td></td></td></td></td></td>		Q4718 <td>Q4719<td>Q4720<td>Q4721<td>Q4722<td>Q4723<td>Q4724<td>Q4725<td>Q4726</td></td></td></td></td></td></td></td>		Q4719 <td>Q4720<td>Q4721<td>Q4722<td>Q4723<td>Q4724<td>Q4725<td>Q4726</td></td></td></td></td></td></td>		Q4720 <td>Q4721<td>Q4722<td>Q4723<td>Q4724<td>Q4725<td>Q4726</td></td></td></td></td></td>	Q4721 <td>Q4722<td>Q4723<td>Q4724<td>Q4725<td>Q4726</td></td></td></td></td>	Q4722 <td>Q4723<td>Q4724<td>Q4725<td>Q4726</td></td></td></td>	Q4723 <td>Q4724<td>Q4725<td>Q4726</td></td></td>	Q4724 <td>Q4725<td>Q4726</td></td>	Q4725 <td>Q4726</td>	Q4726
Q4251	G-3	Q4727 <th rowspan="5">P4001</th> <td>Q4728<th rowspan="5">P4002</th><td>Q4729<th rowspan="5">P4003</th><td>Q4730<th rowspan="5">P4004</th><td>Q4731<th rowspan="5">P4005</th><td>Q4732<th rowspan="5">P4006</th><td>Q4733<th rowspan="5">P4007</th></td></td></td></td></td></td>	P4001	Q4728 <th rowspan="5">P4002</th> <td>Q4729<th rowspan="5">P4003</th><td>Q4730<th rowspan="5">P4004</th><td>Q4731<th rowspan="5">P4005</th><td>Q4732<th rowspan="5">P4006</th><td>Q4733<th rowspan="5">P4007</th></td></td></td></td></td>	P4002	Q4729 <th rowspan="5">P4003</th> <td>Q4730<th rowspan="5">P4004</th><td>Q4731<th rowspan="5">P4005</th><td>Q4732<th rowspan="5">P4006</th><td>Q4733<th rowspan="5">P4007</th></td></td></td></td>	P4003	Q4730 <th rowspan="5">P4004</th> <td>Q4731<th rowspan="5">P4005</th><td>Q4732<th rowspan="5">P4006</th><td>Q4733<th rowspan="5">P4007</th></td></td></td>	P4004	Q4731 <th rowspan="5">P4005</th> <td>Q4732<th rowspan="5">P4006</th><td>Q4733<th rowspan="5">P4007</th></td></td>	P4005	Q4732 <th rowspan="5">P4006</th> <td>Q4733<th rowspan="5">P4007</th></td>	P4006	Q4733 <th rowspan="5">P4007</th>	P4007							
Q4252	G-3	Q4734 <td>Q4735<td>Q4736<td>Q4737<td>Q4738<td>Q4739<td>Q4740<td>Q4741<td>Q4742<td>Q4743<td>Q4744<td>Q4745<td>Q4746<td>Q4747</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4735 <td>Q4736<td>Q4737<td>Q4738<td>Q4739<td>Q4740<td>Q4741<td>Q4742<td>Q4743<td>Q4744<td>Q4745<td>Q4746<td>Q4747</td></td></td></td></td></td></td></td></td></td></td></td>		Q4736 <td>Q4737<td>Q4738<td>Q4739<td>Q4740<td>Q4741<td>Q4742<td>Q4743<td>Q4744<td>Q4745<td>Q4746<td>Q4747</td></td></td></td></td></td></td></td></td></td></td>		Q4737 <td>Q4738<td>Q4739<td>Q4740<td>Q4741<td>Q4742<td>Q4743<td>Q4744<td>Q4745<td>Q4746<td>Q4747</td></td></td></td></td></td></td></td></td></td>		Q4738 <td>Q4739<td>Q4740<td>Q4741<td>Q4742<td>Q4743<td>Q4744<td>Q4745<td>Q4746<td>Q4747</td></td></td></td></td></td></td></td></td>		Q4739 <td>Q4740<td>Q4741<td>Q4742<td>Q4743<td>Q4744<td>Q4745<td>Q4746<td>Q4747</td></td></td></td></td></td></td></td>		Q4740 <td>Q4741<td>Q4742<td>Q4743<td>Q4744<td>Q4745<td>Q4746<td>Q4747</td></td></td></td></td></td></td>		Q4741 <td>Q4742<td>Q4743<td>Q4744<td>Q4745<td>Q4746<td>Q4747</td></td></td></td></td></td>	Q4742 <td>Q4743<td>Q4744<td>Q4745<td>Q4746<td>Q4747</td></td></td></td></td>	Q4743 <td>Q4744<td>Q4745<td>Q4746<td>Q4747</td></td></td></td>	Q4744 <td>Q4745<td>Q4746<td>Q4747</td></td></td>	Q4745 <td>Q4746<td>Q4747</td></td>	Q4746 <td>Q4747</td>	Q4747
Q4253	G-3	Q4748 <td>Q4749<td>Q4750<td>Q4751<td>Q4752<td>Q4753<td>Q4754<td>Q4755<td>Q4756<td>Q4757<td>Q4758<td>Q4759<td>Q4760<td>Q4761</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4749 <td>Q4750<td>Q4751<td>Q4752<td>Q4753<td>Q4754<td>Q4755<td>Q4756<td>Q4757<td>Q4758<td>Q4759<td>Q4760<td>Q4761</td></td></td></td></td></td></td></td></td></td></td></td>		Q4750 <td>Q4751<td>Q4752<td>Q4753<td>Q4754<td>Q4755<td>Q4756<td>Q4757<td>Q4758<td>Q4759<td>Q4760<td>Q4761</td></td></td></td></td></td></td></td></td></td></td>		Q4751 <td>Q4752<td>Q4753<td>Q4754<td>Q4755<td>Q4756<td>Q4757<td>Q4758<td>Q4759<td>Q4760<td>Q4761</td></td></td></td></td></td></td></td></td></td>		Q4752 <td>Q4753<td>Q4754<td>Q4755<td>Q4756<td>Q4757<td>Q4758<td>Q4759<td>Q4760<td>Q4761</td></td></td></td></td></td></td></td></td>		Q4753 <td>Q4754<td>Q4755<td>Q4756<td>Q4757<td>Q4758<td>Q4759<td>Q4760<td>Q4761</td></td></td></td></td></td></td></td>		Q4754 <td>Q4755<td>Q4756<td>Q4757<td>Q4758<td>Q4759<td>Q4760<td>Q4761</td></td></td></td></td></td></td>		Q4755 <td>Q4756<td>Q4757<td>Q4758<td>Q4759<td>Q4760<td>Q4761</td></td></td></td></td></td>	Q4756 <td>Q4757<td>Q4758<td>Q4759<td>Q4760<td>Q4761</td></td></td></td></td>	Q4757 <td>Q4758<td>Q4759<td>Q4760<td>Q4761</td></td></td></td>	Q4758 <td>Q4759<td>Q4760<td>Q4761</td></td></td>	Q4759 <td>Q4760<td>Q4761</td></td>	Q4760 <td>Q4761</td>	Q4761
Q4254	G-3	Q4762 <td>Q4763<td>Q4764<td>Q4765<td>Q4766<td>Q4767<td>Q4768<td>Q4769<td>Q4770<td>Q4771<td>Q4772<td>Q4773<td>Q4774<td>Q4775</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4763 <td>Q4764<td>Q4765<td>Q4766<td>Q4767<td>Q4768<td>Q4769<td>Q4770<td>Q4771<td>Q4772<td>Q4773<td>Q4774<td>Q4775</td></td></td></td></td></td></td></td></td></td></td></td>		Q4764 <td>Q4765<td>Q4766<td>Q4767<td>Q4768<td>Q4769<td>Q4770<td>Q4771<td>Q4772<td>Q4773<td>Q4774<td>Q4775</td></td></td></td></td></td></td></td></td></td></td>		Q4765 <td>Q4766<td>Q4767<td>Q4768<td>Q4769<td>Q4770<td>Q4771<td>Q4772<td>Q4773<td>Q4774<td>Q4775</td></td></td></td></td></td></td></td></td></td>		Q4766 <td>Q4767<td>Q4768<td>Q4769<td>Q4770<td>Q4771<td>Q4772<td>Q4773<td>Q4774<td>Q4775</td></td></td></td></td></td></td></td></td>		Q4767 <td>Q4768<td>Q4769<td>Q4770<td>Q4771<td>Q4772<td>Q4773<td>Q4774<td>Q4775</td></td></td></td></td></td></td></td>		Q4768 <td>Q4769<td>Q4770<td>Q4771<td>Q4772<td>Q4773<td>Q4774<td>Q4775</td></td></td></td></td></td></td>		Q4769 <td>Q4770<td>Q4771<td>Q4772<td>Q4773<td>Q4774<td>Q4775</td></td></td></td></td></td>	Q4770 <td>Q4771<td>Q4772<td>Q4773<td>Q4774<td>Q4775</td></td></td></td></td>	Q4771 <td>Q4772<td>Q4773<td>Q4774<td>Q4775</td></td></td></td>	Q4772 <td>Q4773<td>Q4774<td>Q4775</td></td></td>	Q4773 <td>Q4774<td>Q4775</td></td>	Q4774 <td>Q4775</td>	Q4775
Q4255	G-3	Q4776 <td>Q4777<td>Q4778<td>Q4779<td>Q4780<td>Q4781<td>Q4782<td>Q4783<td>Q4784<td>Q4785<td>Q4786<td>Q4787<td>Q4788<td>Q4789</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4777 <td>Q4778<td>Q4779<td>Q4780<td>Q4781<td>Q4782<td>Q4783<td>Q4784<td>Q4785<td>Q4786<td>Q4787<td>Q4788<td>Q4789</td></td></td></td></td></td></td></td></td></td></td></td>		Q4778 <td>Q4779<td>Q4780<td>Q4781<td>Q4782<td>Q4783<td>Q4784<td>Q4785<td>Q4786<td>Q4787<td>Q4788<td>Q4789</td></td></td></td></td></td></td></td></td></td></td>		Q4779 <td>Q4780<td>Q4781<td>Q4782<td>Q4783<td>Q4784<td>Q4785<td>Q4786<td>Q4787<td>Q4788<td>Q4789</td></td></td></td></td></td></td></td></td></td>		Q4780 <td>Q4781<td>Q4782<td>Q4783<td>Q4784<td>Q4785<td>Q4786<td>Q4787<td>Q4788<td>Q4789</td></td></td></td></td></td></td></td></td>		Q4781 <td>Q4782<td>Q4783<td>Q4784<td>Q4785<td>Q4786<td>Q4787<td>Q4788<td>Q4789</td></td></td></td></td></td></td></td>		Q4782 <td>Q4783<td>Q4784<td>Q4785<td>Q4786<td>Q4787<td>Q4788<td>Q4789</td></td></td></td></td></td></td>		Q4783 <td>Q4784<td>Q4785<td>Q4786<td>Q4787<td>Q4788<td>Q4789</td></td></td></td></td></td>	Q4784 <td>Q4785<td>Q4786<td>Q4787<td>Q4788<td>Q4789</td></td></td></td></td>	Q4785 <td>Q4786<td>Q4787<td>Q4788<td>Q4789</td></td></td></td>	Q4786 <td>Q4787<td>Q4788<td>Q4789</td></td></td>	Q4787 <td>Q4788<td>Q4789</td></td>	Q4788 <td>Q4789</td>	Q4789
Q4256	G-3	Q4790 <th rowspan="5">P4008</th> <td>Q4791<th rowspan="5">P4009</th><td>Q4792<th rowspan="5">P4010</th><td>Q4793<th rowspan="5">P4011</th><td>Q4794<th rowspan="5">P4012</th><td>Q4795<th rowspan="5">P4013</th><td>Q4796<th rowspan="5">P4014</th></td></td></td></td></td></td>	P4008	Q4791 <th rowspan="5">P4009</th> <td>Q4792<th rowspan="5">P4010</th><td>Q4793<th rowspan="5">P4011</th><td>Q4794<th rowspan="5">P4012</th><td>Q4795<th rowspan="5">P4013</th><td>Q4796<th rowspan="5">P4014</th></td></td></td></td></td>	P4009	Q4792 <th rowspan="5">P4010</th> <td>Q4793<th rowspan="5">P4011</th><td>Q4794<th rowspan="5">P4012</th><td>Q4795<th rowspan="5">P4013</th><td>Q4796<th rowspan="5">P4014</th></td></td></td></td>	P4010	Q4793 <th rowspan="5">P4011</th> <td>Q4794<th rowspan="5">P4012</th><td>Q4795<th rowspan="5">P4013</th><td>Q4796<th rowspan="5">P4014</th></td></td></td>	P4011	Q4794 <th rowspan="5">P4012</th> <td>Q4795<th rowspan="5">P4013</th><td>Q4796<th rowspan="5">P4014</th></td></td>	P4012	Q4795 <th rowspan="5">P4013</th> <td>Q4796<th rowspan="5">P4014</th></td>	P4013	Q4796 <th rowspan="5">P4014</th>	P4014							
Q4257	G-3	Q4797 <td>Q4798<td>Q4799<td>Q4800<td>Q4801<td>Q4802<td>Q4803<td>Q4804<td>Q4805<td>Q4806<td>Q4807<td>Q4808<td>Q4809<td>Q4810</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4798 <td>Q4799<td>Q4800<td>Q4801<td>Q4802<td>Q4803<td>Q4804<td>Q4805<td>Q4806<td>Q4807<td>Q4808<td>Q4809<td>Q4810</td></td></td></td></td></td></td></td></td></td></td></td>		Q4799 <td>Q4800<td>Q4801<td>Q4802<td>Q4803<td>Q4804<td>Q4805<td>Q4806<td>Q4807<td>Q4808<td>Q4809<td>Q4810</td></td></td></td></td></td></td></td></td></td></td>		Q4800 <td>Q4801<td>Q4802<td>Q4803<td>Q4804<td>Q4805<td>Q4806<td>Q4807<td>Q4808<td>Q4809<td>Q4810</td></td></td></td></td></td></td></td></td></td>		Q4801 <td>Q4802<td>Q4803<td>Q4804<td>Q4805<td>Q4806<td>Q4807<td>Q4808<td>Q4809<td>Q4810</td></td></td></td></td></td></td></td></td>		Q4802 <td>Q4803<td>Q4804<td>Q4805<td>Q4806<td>Q4807<td>Q4808<td>Q4809<td>Q4810</td></td></td></td></td></td></td></td>		Q4803 <td>Q4804<td>Q4805<td>Q4806<td>Q4807<td>Q4808<td>Q4809<td>Q4810</td></td></td></td></td></td></td>		Q4804 <td>Q4805<td>Q4806<td>Q4807<td>Q4808<td>Q4809<td>Q4810</td></td></td></td></td></td>	Q4805 <td>Q4806<td>Q4807<td>Q4808<td>Q4809<td>Q4810</td></td></td></td></td>	Q4806 <td>Q4807<td>Q4808<td>Q4809<td>Q4810</td></td></td></td>	Q4807 <td>Q4808<td>Q4809<td>Q4810</td></td></td>	Q4808 <td>Q4809<td>Q4810</td></td>	Q4809 <td>Q4810</td>	Q4810
Q4258	G-3	Q4811 <td>Q4812<td>Q4813<td>Q4814<td>Q4815<td>Q4816<td>Q4817<td>Q4818<td>Q4819<td>Q4820<td>Q4821<td>Q4822<td>Q4823<td>Q4824</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4812 <td>Q4813<td>Q4814<td>Q4815<td>Q4816<td>Q4817<td>Q4818<td>Q4819<td>Q4820<td>Q4821<td>Q4822<td>Q4823<td>Q4824</td></td></td></td></td></td></td></td></td></td></td></td>		Q4813 <td>Q4814<td>Q4815<td>Q4816<td>Q4817<td>Q4818<td>Q4819<td>Q4820<td>Q4821<td>Q4822<td>Q4823<td>Q4824</td></td></td></td></td></td></td></td></td></td></td>		Q4814 <td>Q4815<td>Q4816<td>Q4817<td>Q4818<td>Q4819<td>Q4820<td>Q4821<td>Q4822<td>Q4823<td>Q4824</td></td></td></td></td></td></td></td></td></td>		Q4815 <td>Q4816<td>Q4817<td>Q4818<td>Q4819<td>Q4820<td>Q4821<td>Q4822<td>Q4823<td>Q4824</td></td></td></td></td></td></td></td></td>		Q4816 <td>Q4817<td>Q4818<td>Q4819<td>Q4820<td>Q4821<td>Q4822<td>Q4823<td>Q4824</td></td></td></td></td></td></td></td>		Q4817 <td>Q4818<td>Q4819<td>Q4820<td>Q4821<td>Q4822<td>Q4823<td>Q4824</td></td></td></td></td></td></td>		Q4818 <td>Q4819<td>Q4820<td>Q4821<td>Q4822<td>Q4823<td>Q4824</td></td></td></td></td></td>	Q4819 <td>Q4820<td>Q4821<td>Q4822<td>Q4823<td>Q4824</td></td></td></td></td>	Q4820 <td>Q4821<td>Q4822<td>Q4823<td>Q4824</td></td></td></td>	Q4821 <td>Q4822<td>Q4823<td>Q4824</td></td></td>	Q4822 <td>Q4823<td>Q4824</td></td>	Q4823 <td>Q4824</td>	Q4824
Q4259	G-3	Q4825 <td>Q4826<td>Q4827<td>Q4828<td>Q4829<td>Q4830<td>Q4831<td>Q4832<td>Q4833<td>Q4834<td>Q4835<td>Q4836<td>Q4837<td>Q4838</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4826 <td>Q4827<td>Q4828<td>Q4829<td>Q4830<td>Q4831<td>Q4832<td>Q4833<td>Q4834<td>Q4835<td>Q4836<td>Q4837<td>Q4838</td></td></td></td></td></td></td></td></td></td></td></td>		Q4827 <td>Q4828<td>Q4829<td>Q4830<td>Q4831<td>Q4832<td>Q4833<td>Q4834<td>Q4835<td>Q4836<td>Q4837<td>Q4838</td></td></td></td></td></td></td></td></td></td></td>		Q4828 <td>Q4829<td>Q4830<td>Q4831<td>Q4832<td>Q4833<td>Q4834<td>Q4835<td>Q4836<td>Q4837<td>Q4838</td></td></td></td></td></td></td></td></td></td>		Q4829 <td>Q4830<td>Q4831<td>Q4832<td>Q4833<td>Q4834<td>Q4835<td>Q4836<td>Q4837<td>Q4838</td></td></td></td></td></td></td></td></td>		Q4830 <td>Q4831<td>Q4832<td>Q4833<td>Q4834<td>Q4835<td>Q4836<td>Q4837<td>Q4838</td></td></td></td></td></td></td></td>		Q4831 <td>Q4832<td>Q4833<td>Q4834<td>Q4835<td>Q4836<td>Q4837<td>Q4838</td></td></td></td></td></td></td>		Q4832 <td>Q4833<td>Q4834<td>Q4835<td>Q4836<td>Q4837<td>Q4838</td></td></td></td></td></td>	Q4833 <td>Q4834<td>Q4835<td>Q4836<td>Q4837<td>Q4838</td></td></td></td></td>	Q4834 <td>Q4835<td>Q4836<td>Q4837<td>Q4838</td></td></td></td>	Q4835 <td>Q4836<td>Q4837<td>Q4838</td></td></td>	Q4836 <td>Q4837<td>Q4838</td></td>	Q4837 <td>Q4838</td>	Q4838
Q4260	G-3	Q4839 <td>Q4840<td>Q4841<td>Q4842<td>Q4843<td>Q4844<td>Q4845<td>Q4846<td>Q4847<td>Q4848<td>Q4849<td>Q4850<td>Q4851<td>Q4852</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4840 <td>Q4841<td>Q4842<td>Q4843<td>Q4844<td>Q4845<td>Q4846<td>Q4847<td>Q4848<td>Q4849<td>Q4850<td>Q4851<td>Q4852</td></td></td></td></td></td></td></td></td></td></td></td>		Q4841 <td>Q4842<td>Q4843<td>Q4844<td>Q4845<td>Q4846<td>Q4847<td>Q4848<td>Q4849<td>Q4850<td>Q4851<td>Q4852</td></td></td></td></td></td></td></td></td></td></td>		Q4842 <td>Q4843<td>Q4844<td>Q4845<td>Q4846<td>Q4847<td>Q4848<td>Q4849<td>Q4850<td>Q4851<td>Q4852</td></td></td></td></td></td></td></td></td></td>		Q4843 <td>Q4844<td>Q4845<td>Q4846<td>Q4847<td>Q4848<td>Q4849<td>Q4850<td>Q4851<td>Q4852</td></td></td></td></td></td></td></td></td>		Q4844 <td>Q4845<td>Q4846<td>Q4847<td>Q4848<td>Q4849<td>Q4850<td>Q4851<td>Q4852</td></td></td></td></td></td></td></td>		Q4845 <td>Q4846<td>Q4847<td>Q4848<td>Q4849<td>Q4850<td>Q4851<td>Q4852</td></td></td></td></td></td></td>		Q4846 <td>Q4847<td>Q4848<td>Q4849<td>Q4850<td>Q4851<td>Q4852</td></td></td></td></td></td>	Q4847 <td>Q4848<td>Q4849<td>Q4850<td>Q4851<td>Q4852</td></td></td></td></td>	Q4848 <td>Q4849<td>Q4850<td>Q4851<td>Q4852</td></td></td></td>	Q4849 <td>Q4850<td>Q4851<td>Q4852</td></td></td>	Q4850 <td>Q4851<td>Q4852</td></td>	Q4851 <td>Q4852</td>	Q4852
Q4261	G-3	Q4853 <th rowspan="5">P4015</th> <td>Q4854<th rowspan="5">P4016</th><td>Q4855<th rowspan="5">P4017</th><td>Q4856<th rowspan="5">P4018</th><td>Q4857<th rowspan="5">P4019</th><td>Q4858<th rowspan="5">P4020</th><td>Q4859<th rowspan="5">P4021</th></td></td></td></td></td></td>	P4015	Q4854 <th rowspan="5">P4016</th> <td>Q4855<th rowspan="5">P4017</th><td>Q4856<th rowspan="5">P4018</th><td>Q4857<th rowspan="5">P4019</th><td>Q4858<th rowspan="5">P4020</th><td>Q4859<th rowspan="5">P4021</th></td></td></td></td></td>	P4016	Q4855 <th rowspan="5">P4017</th> <td>Q4856<th rowspan="5">P4018</th><td>Q4857<th rowspan="5">P4019</th><td>Q4858<th rowspan="5">P4020</th><td>Q4859<th rowspan="5">P4021</th></td></td></td></td>	P4017	Q4856 <th rowspan="5">P4018</th> <td>Q4857<th rowspan="5">P4019</th><td>Q4858<th rowspan="5">P4020</th><td>Q4859<th rowspan="5">P4021</th></td></td></td>	P4018	Q4857 <th rowspan="5">P4019</th> <td>Q4858<th rowspan="5">P4020</th><td>Q4859<th rowspan="5">P4021</th></td></td>	P4019	Q4858 <th rowspan="5">P4020</th> <td>Q4859<th rowspan="5">P4021</th></td>	P4020	Q4859 <th rowspan="5">P4021</th>	P4021							
Q4262	G-3	Q4860 <td>Q4861<td>Q4862<td>Q4863<td>Q4864<td>Q4865<td>Q4866<td>Q4867<td>Q4868<td>Q4869<td>Q4870<td>Q4871<td>Q4872<td>Q4873</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4861 <td>Q4862<td>Q4863<td>Q4864<td>Q4865<td>Q4866<td>Q4867<td>Q4868<td>Q4869<td>Q4870<td>Q4871<td>Q4872<td>Q4873</td></td></td></td></td></td></td></td></td></td></td></td>		Q4862 <td>Q4863<td>Q4864<td>Q4865<td>Q4866<td>Q4867<td>Q4868<td>Q4869<td>Q4870<td>Q4871<td>Q4872<td>Q4873</td></td></td></td></td></td></td></td></td></td></td>		Q4863 <td>Q4864<td>Q4865<td>Q4866<td>Q4867<td>Q4868<td>Q4869<td>Q4870<td>Q4871<td>Q4872<td>Q4873</td></td></td></td></td></td></td></td></td></td>		Q4864 <td>Q4865<td>Q4866<td>Q4867<td>Q4868<td>Q4869<td>Q4870<td>Q4871<td>Q4872<td>Q4873</td></td></td></td></td></td></td></td></td>		Q4865 <td>Q4866<td>Q4867<td>Q4868<td>Q4869<td>Q4870<td>Q4871<td>Q4872<td>Q4873</td></td></td></td></td></td></td></td>		Q4866 <td>Q4867<td>Q4868<td>Q4869<td>Q4870<td>Q4871<td>Q4872<td>Q4873</td></td></td></td></td></td></td>		Q4867 <td>Q4868<td>Q4869<td>Q4870<td>Q4871<td>Q4872<td>Q4873</td></td></td></td></td></td>	Q4868 <td>Q4869<td>Q4870<td>Q4871<td>Q4872<td>Q4873</td></td></td></td></td>	Q4869 <td>Q4870<td>Q4871<td>Q4872<td>Q4873</td></td></td></td>	Q4870 <td>Q4871<td>Q4872<td>Q4873</td></td></td>	Q4871 <td>Q4872<td>Q4873</td></td>	Q4872 <td>Q4873</td>	Q4873
Q4263	G-3	Q4874 <td>Q4875<td>Q4876<td>Q4877<td>Q4878<td>Q4879<td>Q4880<td>Q4881<td>Q4882<td>Q4883<td>Q4884<td>Q4885<td>Q4886<td>Q4887</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4875 <td>Q4876<td>Q4877<td>Q4878<td>Q4879<td>Q4880<td>Q4881<td>Q4882<td>Q4883<td>Q4884<td>Q4885<td>Q4886<td>Q4887</td></td></td></td></td></td></td></td></td></td></td></td>		Q4876 <td>Q4877<td>Q4878<td>Q4879<td>Q4880<td>Q4881<td>Q4882<td>Q4883<td>Q4884<td>Q4885<td>Q4886<td>Q4887</td></td></td></td></td></td></td></td></td></td></td>		Q4877 <td>Q4878<td>Q4879<td>Q4880<td>Q4881<td>Q4882<td>Q4883<td>Q4884<td>Q4885<td>Q4886<td>Q4887</td></td></td></td></td></td></td></td></td></td>		Q4878 <td>Q4879<td>Q4880<td>Q4881<td>Q4882<td>Q4883<td>Q4884<td>Q4885<td>Q4886<td>Q4887</td></td></td></td></td></td></td></td></td>		Q4879 <td>Q4880<td>Q4881<td>Q4882<td>Q4883<td>Q4884<td>Q4885<td>Q4886<td>Q4887</td></td></td></td></td></td></td></td>		Q4880 <td>Q4881<td>Q4882<td>Q4883<td>Q4884<td>Q4885<td>Q4886<td>Q4887</td></td></td></td></td></td></td>		Q4881 <td>Q4882<td>Q4883<td>Q4884<td>Q4885<td>Q4886<td>Q4887</td></td></td></td></td></td>	Q4882 <td>Q4883<td>Q4884<td>Q4885<td>Q4886<td>Q4887</td></td></td></td></td>	Q4883 <td>Q4884<td>Q4885<td>Q4886<td>Q4887</td></td></td></td>	Q4884 <td>Q4885<td>Q4886<td>Q4887</td></td></td>	Q4885 <td>Q4886<td>Q4887</td></td>	Q4886 <td>Q4887</td>	Q4887
Q4264	G-3	Q4888 <td>Q4889<td>Q4890<td>Q4891<td>Q4892<td>Q4893<td>Q4894<td>Q4895<td>Q4896<td>Q4897<td>Q4898<td>Q4899<td>Q4900<td>Q4901</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4889 <td>Q4890<td>Q4891<td>Q4892<td>Q4893<td>Q4894<td>Q4895<td>Q4896<td>Q4897<td>Q4898<td>Q4899<td>Q4900<td>Q4901</td></td></td></td></td></td></td></td></td></td></td></td>		Q4890 <td>Q4891<td>Q4892<td>Q4893<td>Q4894<td>Q4895<td>Q4896<td>Q4897<td>Q4898<td>Q4899<td>Q4900<td>Q4901</td></td></td></td></td></td></td></td></td></td></td>		Q4891 <td>Q4892<td>Q4893<td>Q4894<td>Q4895<td>Q4896<td>Q4897<td>Q4898<td>Q4899<td>Q4900<td>Q4901</td></td></td></td></td></td></td></td></td></td>		Q4892 <td>Q4893<td>Q4894<td>Q4895<td>Q4896<td>Q4897<td>Q4898<td>Q4899<td>Q4900<td>Q4901</td></td></td></td></td></td></td></td></td>		Q4893 <td>Q4894<td>Q4895<td>Q4896<td>Q4897<td>Q4898<td>Q4899<td>Q4900<td>Q4901</td></td></td></td></td></td></td></td>		Q4894 <td>Q4895<td>Q4896<td>Q4897<td>Q4898<td>Q4899<td>Q4900<td>Q4901</td></td></td></td></td></td></td>		Q4895 <td>Q4896<td>Q4897<td>Q4898<td>Q4899<td>Q4900<td>Q4901</td></td></td></td></td></td>	Q4896 <td>Q4897<td>Q4898<td>Q4899<td>Q4900<td>Q4901</td></td></td></td></td>	Q4897 <td>Q4898<td>Q4899<td>Q4900<td>Q4901</td></td></td></td>	Q4898 <td>Q4899<td>Q4900<td>Q4901</td></td></td>	Q4899 <td>Q4900<td>Q4901</td></td>	Q4900 <td>Q4901</td>	Q4901
Q4265	G-3	Q4902 <td>Q4903<td>Q4904<td>Q4905<td>Q4906<td>Q4907<td>Q4908<td>Q4909<td>Q4910<td>Q4911<td>Q4912<td>Q4913<td>Q4914<td>Q4915</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4903 <td>Q4904<td>Q4905<td>Q4906<td>Q4907<td>Q4908<td>Q4909<td>Q4910<td>Q4911<td>Q4912<td>Q4913<td>Q4914<td>Q4915</td></td></td></td></td></td></td></td></td></td></td></td>		Q4904 <td>Q4905<td>Q4906<td>Q4907<td>Q4908<td>Q4909<td>Q4910<td>Q4911<td>Q4912<td>Q4913<td>Q4914<td>Q4915</td></td></td></td></td></td></td></td></td></td></td>		Q4905 <td>Q4906<td>Q4907<td>Q4908<td>Q4909<td>Q4910<td>Q4911<td>Q4912<td>Q4913<td>Q4914<td>Q4915</td></td></td></td></td></td></td></td></td></td>		Q4906 <td>Q4907<td>Q4908<td>Q4909<td>Q4910<td>Q4911<td>Q4912<td>Q4913<td>Q4914<td>Q4915</td></td></td></td></td></td></td></td></td>		Q4907 <td>Q4908<td>Q4909<td>Q4910<td>Q4911<td>Q4912<td>Q4913<td>Q4914<td>Q4915</td></td></td></td></td></td></td></td>		Q4908 <td>Q4909<td>Q4910<td>Q4911<td>Q4912<td>Q4913<td>Q4914<td>Q4915</td></td></td></td></td></td></td>		Q4909 <td>Q4910<td>Q4911<td>Q4912<td>Q4913<td>Q4914<td>Q4915</td></td></td></td></td></td>	Q4910 <td>Q4911<td>Q4912<td>Q4913<td>Q4914<td>Q4915</td></td></td></td></td>	Q4911 <td>Q4912<td>Q4913<td>Q4914<td>Q4915</td></td></td></td>	Q4912 <td>Q4913<td>Q4914<td>Q4915</td></td></td>	Q4913 <td>Q4914<td>Q4915</td></td>	Q4914 <td>Q4915</td>	Q4915
Q4266	G-3	Q4916 <th rowspan="5">P4022</th> <td>Q4917<th rowspan="5">P4023</th><td>Q4918<th rowspan="5">P4024</th><td>Q4919<th rowspan="5">P4025</th><td>Q4920<th rowspan="5">P4026</th><td>Q4921<th rowspan="5">P4027</th><td>Q4922<th rowspan="5">P4028</th></td></td></td></td></td></td>	P4022	Q4917 <th rowspan="5">P4023</th> <td>Q4918<th rowspan="5">P4024</th><td>Q4919<th rowspan="5">P4025</th><td>Q4920<th rowspan="5">P4026</th><td>Q4921<th rowspan="5">P4027</th><td>Q4922<th rowspan="5">P4028</th></td></td></td></td></td>	P4023	Q4918 <th rowspan="5">P4024</th> <td>Q4919<th rowspan="5">P4025</th><td>Q4920<th rowspan="5">P4026</th><td>Q4921<th rowspan="5">P4027</th><td>Q4922<th rowspan="5">P4028</th></td></td></td></td>	P4024	Q4919 <th rowspan="5">P4025</th> <td>Q4920<th rowspan="5">P4026</th><td>Q4921<th rowspan="5">P4027</th><td>Q4922<th rowspan="5">P4028</th></td></td></td>	P4025	Q4920 <th rowspan="5">P4026</th> <td>Q4921<th rowspan="5">P4027</th><td>Q4922<th rowspan="5">P4028</th></td></td>	P4026	Q4921 <th rowspan="5">P4027</th> <td>Q4922<th rowspan="5">P4028</th></td>	P4027	Q4922 <th rowspan="5">P4028</th>	P4028							
Q4267	G-3	Q4923 <td>Q4924<td>Q4925<td>Q4926<td>Q4927<td>Q4928<td>Q4929<td>Q4930<td>Q4931<td>Q4932<td>Q4933<td>Q4934<td>Q4935<td>Q4936</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4924 <td>Q4925<td>Q4926<td>Q4927<td>Q4928<td>Q4929<td>Q4930<td>Q4931<td>Q4932<td>Q4933<td>Q4934<td>Q4935<td>Q4936</td></td></td></td></td></td></td></td></td></td></td></td>		Q4925 <td>Q4926<td>Q4927<td>Q4928<td>Q4929<td>Q4930<td>Q4931<td>Q4932<td>Q4933<td>Q4934<td>Q4935<td>Q4936</td></td></td></td></td></td></td></td></td></td></td>		Q4926 <td>Q4927<td>Q4928<td>Q4929<td>Q4930<td>Q4931<td>Q4932<td>Q4933<td>Q4934<td>Q4935<td>Q4936</td></td></td></td></td></td></td></td></td></td>		Q4927 <td>Q4928<td>Q4929<td>Q4930<td>Q4931<td>Q4932<td>Q4933<td>Q4934<td>Q4935<td>Q4936</td></td></td></td></td></td></td></td></td>		Q4928 <td>Q4929<td>Q4930<td>Q4931<td>Q4932<td>Q4933<td>Q4934<td>Q4935<td>Q4936</td></td></td></td></td></td></td></td>		Q4929 <td>Q4930<td>Q4931<td>Q4932<td>Q4933<td>Q4934<td>Q4935<td>Q4936</td></td></td></td></td></td></td>		Q4930 <td>Q4931<td>Q4932<td>Q4933<td>Q4934<td>Q4935<td>Q4936</td></td></td></td></td></td>	Q4931 <td>Q4932<td>Q4933<td>Q4934<td>Q4935<td>Q4936</td></td></td></td></td>	Q4932 <td>Q4933<td>Q4934<td>Q4935<td>Q4936</td></td></td></td>	Q4933 <td>Q4934<td>Q4935<td>Q4936</td></td></td>	Q4934 <td>Q4935<td>Q4936</td></td>	Q4935 <td>Q4936</td>	Q4936
Q4268	G-3	Q4937 <td>Q4938<td>Q4939<td>Q4940<td>Q4941<td>Q4942<td>Q4943<td>Q4944<td>Q4945<td>Q4946<td>Q4947<td>Q4948<td>Q4949<td>Q4950</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4938 <td>Q4939<td>Q4940<td>Q4941<td>Q4942<td>Q4943<td>Q4944<td>Q4945<td>Q4946<td>Q4947<td>Q4948<td>Q4949<td>Q4950</td></td></td></td></td></td></td></td></td></td></td></td>		Q4939 <td>Q4940<td>Q4941<td>Q4942<td>Q4943<td>Q4944<td>Q4945<td>Q4946<td>Q4947<td>Q4948<td>Q4949<td>Q4950</td></td></td></td></td></td></td></td></td></td></td>		Q4940 <td>Q4941<td>Q4942<td>Q4943<td>Q4944<td>Q4945<td>Q4946<td>Q4947<td>Q4948<td>Q4949<td>Q4950</td></td></td></td></td></td></td></td></td></td>		Q4941 <td>Q4942<td>Q4943<td>Q4944<td>Q4945<td>Q4946<td>Q4947<td>Q4948<td>Q4949<td>Q4950</td></td></td></td></td></td></td></td></td>		Q4942 <td>Q4943<td>Q4944<td>Q4945<td>Q4946<td>Q4947<td>Q4948<td>Q4949<td>Q4950</td></td></td></td></td></td></td></td>		Q4943 <td>Q4944<td>Q4945<td>Q4946<td>Q4947<td>Q4948<td>Q4949<td>Q4950</td></td></td></td></td></td></td>		Q4944 <td>Q4945<td>Q4946<td>Q4947<td>Q4948<td>Q4949<td>Q4950</td></td></td></td></td></td>	Q4945 <td>Q4946<td>Q4947<td>Q4948<td>Q4949<td>Q4950</td></td></td></td></td>	Q4946 <td>Q4947<td>Q4948<td>Q4949<td>Q4950</td></td></td></td>	Q4947 <td>Q4948<td>Q4949<td>Q4950</td></td></td>	Q4948 <td>Q4949<td>Q4950</td></td>	Q4949 <td>Q4950</td>	Q4950
Q4269	G-3	Q4951 <td>Q4952<td>Q4953<td>Q4954<td>Q4955<td>Q4956<td>Q4957<td>Q4958<td>Q4959<td>Q4960<td>Q4961<td>Q4962<td>Q4963<td>Q4964</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4952 <td>Q4953<td>Q4954<td>Q4955<td>Q4956<td>Q4957<td>Q4958<td>Q4959<td>Q4960<td>Q4961<td>Q4962<td>Q4963<td>Q4964</td></td></td></td></td></td></td></td></td></td></td></td>		Q4953 <td>Q4954<td>Q4955<td>Q4956<td>Q4957<td>Q4958<td>Q4959<td>Q4960<td>Q4961<td>Q4962<td>Q4963<td>Q4964</td></td></td></td></td></td></td></td></td></td></td>		Q4954 <td>Q4955<td>Q4956<td>Q4957<td>Q4958<td>Q4959<td>Q4960<td>Q4961<td>Q4962<td>Q4963<td>Q4964</td></td></td></td></td></td></td></td></td></td>		Q4955 <td>Q4956<td>Q4957<td>Q4958<td>Q4959<td>Q4960<td>Q4961<td>Q4962<td>Q4963<td>Q4964</td></td></td></td></td></td></td></td></td>		Q4956 <td>Q4957<td>Q4958<td>Q4959<td>Q4960<td>Q4961<td>Q4962<td>Q4963<td>Q4964</td></td></td></td></td></td></td></td>		Q4957 <td>Q4958<td>Q4959<td>Q4960<td>Q4961<td>Q4962<td>Q4963<td>Q4964</td></td></td></td></td></td></td>		Q4958 <td>Q4959<td>Q4960<td>Q4961<td>Q4962<td>Q4963<td>Q4964</td></td></td></td></td></td>	Q4959 <td>Q4960<td>Q4961<td>Q4962<td>Q4963<td>Q4964</td></td></td></td></td>	Q4960 <td>Q4961<td>Q4962<td>Q4963<td>Q4964</td></td></td></td>	Q4961 <td>Q4962<td>Q4963<td>Q4964</td></td></td>	Q4962 <td>Q4963<td>Q4964</td></td>	Q4963 <td>Q4964</td>	Q4964
Q4270	G-3	Q4965 <td>Q4966<td>Q4967<td>Q4968<td>Q4969<td>Q4970<td>Q4971<td>Q4972<td>Q4973<td>Q4974<td>Q4975<td>Q4976<td>Q4977<td>Q4978</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4966 <td>Q4967<td>Q4968<td>Q4969<td>Q4970<td>Q4971<td>Q4972<td>Q4973<td>Q4974<td>Q4975<td>Q4976<td>Q4977<td>Q4978</td></td></td></td></td></td></td></td></td></td></td></td>		Q4967 <td>Q4968<td>Q4969<td>Q4970<td>Q4971<td>Q4972<td>Q4973<td>Q4974<td>Q4975<td>Q4976<td>Q4977<td>Q4978</td></td></td></td></td></td></td></td></td></td></td>		Q4968 <td>Q4969<td>Q4970<td>Q4971<td>Q4972<td>Q4973<td>Q4974<td>Q4975<td>Q4976<td>Q4977<td>Q4978</td></td></td></td></td></td></td></td></td></td>		Q4969 <td>Q4970<td>Q4971<td>Q4972<td>Q4973<td>Q4974<td>Q4975<td>Q4976<td>Q4977<td>Q4978</td></td></td></td></td></td></td></td></td>		Q4970 <td>Q4971<td>Q4972<td>Q4973<td>Q4974<td>Q4975<td>Q4976<td>Q4977<td>Q4978</td></td></td></td></td></td></td></td>		Q4971 <td>Q4972<td>Q4973<td>Q4974<td>Q4975<td>Q4976<td>Q4977<td>Q4978</td></td></td></td></td></td></td>		Q4972 <td>Q4973<td>Q4974<td>Q4975<td>Q4976<td>Q4977<td>Q4978</td></td></td></td></td></td>	Q4973 <td>Q4974<td>Q4975<td>Q4976<td>Q4977<td>Q4978</td></td></td></td></td>	Q4974 <td>Q4975<td>Q4976<td>Q4977<td>Q4978</td></td></td></td>	Q4975 <td>Q4976<td>Q4977<td>Q4978</td></td></td>	Q4976 <td>Q4977<td>Q4978</td></td>	Q4977 <td>Q4978</td>	Q4978
Q4271	G-3	Q4979 <th rowspan="5">P4029</th> <td>Q4980<th rowspan="5">P4030</th><td>Q4981<th rowspan="5">P4031</th><td>Q4982<th rowspan="5">P4032</th><td>Q4983<th rowspan="5">P4033</th><td>Q4984<th rowspan="5">P4034</th><td>Q4985<th rowspan="5">P4035</th></td></td></td></td></td></td>	P4029	Q4980 <th rowspan="5">P4030</th> <td>Q4981<th rowspan="5">P4031</th><td>Q4982<th rowspan="5">P4032</th><td>Q4983<th rowspan="5">P4033</th><td>Q4984<th rowspan="5">P4034</th><td>Q4985<th rowspan="5">P4035</th></td></td></td></td></td>	P4030	Q4981 <th rowspan="5">P4031</th> <td>Q4982<th rowspan="5">P4032</th><td>Q4983<th rowspan="5">P4033</th><td>Q4984<th rowspan="5">P4034</th><td>Q4985<th rowspan="5">P4035</th></td></td></td></td>	P4031	Q4982 <th rowspan="5">P4032</th> <td>Q4983<th rowspan="5">P4033</th><td>Q4984<th rowspan="5">P4034</th><td>Q4985<th rowspan="5">P4035</th></td></td></td>	P4032	Q4983 <th rowspan="5">P4033</th> <td>Q4984<th rowspan="5">P4034</th><td>Q4985<th rowspan="5">P4035</th></td></td>	P4033	Q4984 <th rowspan="5">P4034</th> <td>Q4985<th rowspan="5">P4035</th></td>	P4034	Q4985 <th rowspan="5">P4035</th>	P4035							
Q4272	G-3	Q4986 <td>Q4987<td>Q4988<td>Q4989<td>Q4990<td>Q4991<td>Q4992<td>Q4993<td>Q4994<td>Q4995<td>Q4996<td>Q4997<td>Q4998<td>Q4999</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q4987 <td>Q4988<td>Q4989<td>Q4990<td>Q4991<td>Q4992<td>Q4993<td>Q4994<td>Q4995<td>Q4996<td>Q4997<td>Q4998<td>Q4999</td></td></td></td></td></td></td></td></td></td></td></td>		Q4988 <td>Q4989<td>Q4990<td>Q4991<td>Q4992<td>Q4993<td>Q4994<td>Q4995<td>Q4996<td>Q4997<td>Q4998<td>Q4999</td></td></td></td></td></td></td></td></td></td></td>		Q4989 <td>Q4990<td>Q4991<td>Q4992<td>Q4993<td>Q4994<td>Q4995<td>Q4996<td>Q4997<td>Q4998<td>Q4999</td></td></td></td></td></td></td></td></td></td>		Q4990 <td>Q4991<td>Q4992<td>Q4993<td>Q4994<td>Q4995<td>Q4996<td>Q4997<td>Q4998<td>Q4999</td></td></td></td></td></td></td></td></td>		Q4991 <td>Q4992<td>Q4993<td>Q4994<td>Q4995<td>Q4996<td>Q4997<td>Q4998<td>Q4999</td></td></td></td></td></td></td></td>		Q4992 <td>Q4993<td>Q4994<td>Q4995<td>Q4996<td>Q4997<td>Q4998<td>Q4999</td></td></td></td></td></td></td>		Q4993 <td>Q4994<td>Q4995<td>Q4996<td>Q4997<td>Q4998<td>Q4999</td></td></td></td></td></td>	Q4994 <td>Q4995<td>Q4996<td>Q4997<td>Q4998<td>Q4999</td></td></td></td></td>	Q4995 <td>Q4996<td>Q4997<td>Q4998<td>Q4999</td></td></td></td>	Q4996 <td>Q4997<td>Q4998<td>Q4999</td></td></td>	Q4997 <td>Q4998<td>Q4999</td></td>	Q4998 <td>Q4999</td>	Q4999
Q4273	G-3	Q5000 <td>Q5001<td>Q5002<td>Q5003<td>Q5004<td>Q5005<td>Q5006<td>Q5007<td>Q5008<td>Q5009<td>Q5010<td>Q5011<td>Q5012<td>Q5013</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q5001 <td>Q5002<td>Q5003<td>Q5004<td>Q5005<td>Q5006<td>Q5007<td>Q5008<td>Q5009<td>Q5010<td>Q5011<td>Q5012<td>Q5013</td></td></td></td></td></td></td></td></td></td></td></td>		Q5002 <td>Q5003<td>Q5004<td>Q5005<td>Q5006<td>Q5007<td>Q5008<td>Q5009<td>Q5010<td>Q5011<td>Q5012<td>Q5013</td></td></td></td></td></td></td></td></td></td></td>		Q5003 <td>Q5004<td>Q5005<td>Q5006<td>Q5007<td>Q5008<td>Q5009<td>Q5010<td>Q5011<td>Q5012<td>Q5013</td></td></td></td></td></td></td></td></td></td>		Q5004 <td>Q5005<td>Q5006<td>Q5007<td>Q5008<td>Q5009<td>Q5010<td>Q5011<td>Q5012<td>Q5013</td></td></td></td></td></td></td></td></td>		Q5005 <td>Q5006<td>Q5007<td>Q5008<td>Q5009<td>Q5010<td>Q5011<td>Q5012<td>Q5013</td></td></td></td></td></td></td></td>		Q5006 <td>Q5007<td>Q5008<td>Q5009<td>Q5010<td>Q5011<td>Q5012<td>Q5013</td></td></td></td></td></td></td>		Q5007 <td>Q5008<td>Q5009<td>Q5010<td>Q5011<td>Q5012<td>Q5013</td></td></td></td></td></td>	Q5008 <td>Q5009<td>Q5010<td>Q5011<td>Q5012<td>Q5013</td></td></td></td></td>	Q5009 <td>Q5010<td>Q5011<td>Q5012<td>Q5013</td></td></td></td>	Q5010 <td>Q5011<td>Q5012<td>Q5013</td></td></td>	Q5011 <td>Q5012<td>Q5013</td></td>	Q5012 <td>Q5013</td>	Q5013
Q4274	G-3	Q5014 <td>Q5015<td>Q5016<td>Q5017<td>Q5018<td>Q5019<td>Q5020<td>Q5021<td>Q5022<td>Q5023<td>Q5024<td>Q5025<td>Q5026<td>Q5027</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q5015 <td>Q5016<td>Q5017<td>Q5018<td>Q5019<td>Q5020<td>Q5021<td>Q5022<td>Q5023<td>Q5024<td>Q5025<td>Q5026<td>Q5027</td></td></td></td></td></td></td></td></td></td></td></td>		Q5016 <td>Q5017<td>Q5018<td>Q5019<td>Q5020<td>Q5021<td>Q5022<td>Q5023<td>Q5024<td>Q5025<td>Q5026<td>Q5027</td></td></td></td></td></td></td></td></td></td></td>		Q5017 <td>Q5018<td>Q5019<td>Q5020<td>Q5021<td>Q5022<td>Q5023<td>Q5024<td>Q5025<td>Q5026<td>Q5027</td></td></td></td></td></td></td></td></td></td>		Q5018 <td>Q5019<td>Q5020<td>Q5021<td>Q5022<td>Q5023<td>Q5024<td>Q5025<td>Q5026<td>Q5027</td></td></td></td></td></td></td></td></td>		Q5019 <td>Q5020<td>Q5021<td>Q5022<td>Q5023<td>Q5024<td>Q5025<td>Q5026<td>Q5027</td></td></td></td></td></td></td></td>		Q5020 <td>Q5021<td>Q5022<td>Q5023<td>Q5024<td>Q5025<td>Q5026<td>Q5027</td></td></td></td></td></td></td>		Q5021 <td>Q5022<td>Q5023<td>Q5024<td>Q5025<td>Q5026<td>Q5027</td></td></td></td></td></td>	Q5022 <td>Q5023<td>Q5024<td>Q5025<td>Q5026<td>Q5027</td></td></td></td></td>	Q5023 <td>Q5024<td>Q5025<td>Q5026<td>Q5027</td></td></td></td>	Q5024 <td>Q5025<td>Q5026<td>Q5027</td></td></td>	Q5025 <td>Q5026<td>Q5027</td></td>	Q5026 <td>Q5027</td>	Q5027
Q4275	G-3	Q5028 <td>Q5029<td>Q5030<td>Q5031<td>Q5032<td>Q5033<td>Q5034<td>Q5035<td>Q5036<td>Q5037<td>Q5038<td>Q5039<td>Q5040<td>Q5041</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q5029 <td>Q5030<td>Q5031<td>Q5032<td>Q5033<td>Q5034<td>Q5035<td>Q5036<td>Q5037<td>Q5038<td>Q5039<td>Q5040<td>Q5041</td></td></td></td></td></td></td></td></td></td></td></td>		Q5030 <td>Q5031<td>Q5032<td>Q5033<td>Q5034<td>Q5035<td>Q5036<td>Q5037<td>Q5038<td>Q5039<td>Q5040<td>Q5041</td></td></td></td></td></td></td></td></td></td></td>		Q5031 <td>Q5032<td>Q5033<td>Q5034<td>Q5035<td>Q5036<td>Q5037<td>Q5038<td>Q5039<td>Q5040<td>Q5041</td></td></td></td></td></td></td></td></td></td>		Q5032 <td>Q5033<td>Q5034<td>Q5035<td>Q5036<td>Q5037<td>Q5038<td>Q5039<td>Q5040<td>Q5041</td></td></td></td></td></td></td></td></td>		Q5033 <td>Q5034<td>Q5035<td>Q5036<td>Q5037<td>Q5038<td>Q5039<td>Q5040<td>Q5041</td></td></td></td></td></td></td></td>		Q5034 <td>Q5035<td>Q5036<td>Q5037<td>Q5038<td>Q5039<td>Q5040<td>Q5041</td></td></td></td></td></td></td>		Q5035 <td>Q5036<td>Q5037<td>Q5038<td>Q5039<td>Q5040<td>Q5041</td></td></td></td></td></td>	Q5036 <td>Q5037<td>Q5038<td>Q5039<td>Q5040<td>Q5041</td></td></td></td></td>	Q5037 <td>Q5038<td>Q5039<td>Q5040<td>Q5041</td></td></td></td>	Q5038 <td>Q5039<td>Q5040<td>Q5041</td></td></td>	Q5039 <td>Q5040<td>Q5041</td></td>	Q5040 <td>Q5041</td>	Q5041
Q4276	G-3	Q5042 <th rowspan="5">P4036</th> <td>Q5043<th rowspan="5">P4037</th><td>Q5044<th rowspan="5">P4038</th><td>Q5045<th rowspan="5">P4039</th><td>Q5046<th rowspan="5">P4040</th><td>Q5047<th rowspan="5">P4041</th><td>Q5048<th rowspan="5">P4042</th></td></td></td></td></td></td>	P4036	Q5043 <th rowspan="5">P4037</th> <td>Q5044<th rowspan="5">P4038</th><td>Q5045<th rowspan="5">P4039</th><td>Q5046<th rowspan="5">P4040</th><td>Q5047<th rowspan="5">P4041</th><td>Q5048<th rowspan="5">P4042</th></td></td></td></td></td>	P4037	Q5044 <th rowspan="5">P4038</th> <td>Q5045<th rowspan="5">P4039</th><td>Q5046<th rowspan="5">P4040</th><td>Q5047<th rowspan="5">P4041</th><td>Q5048<th rowspan="5">P4042</th></td></td></td></td>	P4038	Q5045 <th rowspan="5">P4039</th> <td>Q5046<th rowspan="5">P4040</th><td>Q5047<th rowspan="5">P4041</th><td>Q5048<th rowspan="5">P4042</th></td></td></td>	P4039	Q5046 <th rowspan="5">P4040</th> <td>Q5047<th rowspan="5">P4041</th><td>Q5048<th rowspan="5">P4042</th></td></td>	P4040	Q5047 <th rowspan="5">P4041</th> <td>Q5048<th rowspan="5">P4042</th></td>	P4041	Q5048 <th rowspan="5">P4042</th>	P4042							
Q4277	G-3	Q5049 <td>Q5050<td>Q5051<td>Q5052<td>Q5053<td>Q5054<td>Q5055<td>Q5056<td>Q5057<td>Q5058<td>Q5059<td>Q5060<td>Q5061<td>Q5062</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q5050 <td>Q5051<td>Q5052<td>Q5053<td>Q5054<td>Q5055<td>Q5056<td>Q5057<td>Q5058<td>Q5059<td>Q5060<td>Q5061<td>Q5062</td></td></td></td></td></td></td></td></td></td></td></td>		Q5051 <td>Q5052<td>Q5053<td>Q5054<td>Q5055<td>Q5056<td>Q5057<td>Q5058<td>Q5059<td>Q5060<td>Q5061<td>Q5062</td></td></td></td></td></td></td></td></td></td></td>		Q5052 <td>Q5053<td>Q5054<td>Q5055<td>Q5056<td>Q5057<td>Q5058<td>Q5059<td>Q5060<td>Q5061<td>Q5062</td></td></td></td></td></td></td></td></td></td>		Q5053 <td>Q5054<td>Q5055<td>Q5056<td>Q5057<td>Q5058<td>Q5059<td>Q5060<td>Q5061<td>Q5062</td></td></td></td></td></td></td></td></td>		Q5054 <td>Q5055<td>Q5056<td>Q5057<td>Q5058<td>Q5059<td>Q5060<td>Q5061<td>Q5062</td></td></td></td></td></td></td></td>		Q5055 <td>Q5056<td>Q5057<td>Q5058<td>Q5059<td>Q5060<td>Q5061<td>Q5062</td></td></td></td></td></td></td>		Q5056 <td>Q5057<td>Q5058<td>Q5059<td>Q5060<td>Q5061<td>Q5062</td></td></td></td></td></td>	Q5057 <td>Q5058<td>Q5059<td>Q5060<td>Q5061<td>Q5062</td></td></td></td></td>	Q5058 <td>Q5059<td>Q5060<td>Q5061<td>Q5062</td></td></td></td>	Q5059 <td>Q5060<td>Q5061<td>Q5062</td></td></td>	Q5060 <td>Q5061<td>Q5062</td></td>	Q5061 <td>Q5062</td>	Q5062
Q4278	G-3	Q5063 <td>Q5064<td>Q5065<td>Q5066<td>Q5067<td>Q5068<td>Q5069<td>Q5070<td>Q5071<td>Q5072<td>Q5073<td>Q5074<td>Q5075<td>Q5076</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q5064 <td>Q5065<td>Q5066<td>Q5067<td>Q5068<td>Q5069<td>Q5070<td>Q5071<td>Q5072<td>Q5073<td>Q5074<td>Q5075<td>Q5076</td></td></td></td></td></td></td></td></td></td></td></td>		Q5065 <td>Q5066<td>Q5067<td>Q5068<td>Q5069<td>Q5070<td>Q5071<td>Q5072<td>Q5073<td>Q5074<td>Q5075<td>Q5076</td></td></td></td></td></td></td></td></td></td></td>		Q5066 <td>Q5067<td>Q5068<td>Q5069<td>Q5070<td>Q5071<td>Q5072<td>Q5073<td>Q5074<td>Q5075<td>Q5076</td></td></td></td></td></td></td></td></td></td>		Q5067 <td>Q5068<td>Q5069<td>Q5070<td>Q5071<td>Q5072<td>Q5073<td>Q5074<td>Q5075<td>Q5076</td></td></td></td></td></td></td></td></td>		Q5068 <td>Q5069<td>Q5070<td>Q5071<td>Q5072<td>Q5073<td>Q5074<td>Q5075<td>Q5076</td></td></td></td></td></td></td></td>		Q5069 <td>Q5070<td>Q5071<td>Q5072<td>Q5073<td>Q5074<td>Q5075<td>Q5076</td></td></td></td></td></td></td>		Q5070 <td>Q5071<td>Q5072<td>Q5073<td>Q5074<td>Q5075<td>Q5076</td></td></td></td></td></td>	Q5071 <td>Q5072<td>Q5073<td>Q5074<td>Q5075<td>Q5076</td></td></td></td></td>	Q5072 <td>Q5073<td>Q5074<td>Q5075<td>Q5076</td></td></td></td>	Q5073 <td>Q5074<td>Q5075<td>Q5076</td></td></td>	Q5074 <td>Q5075<td>Q5076</td></td>	Q5075 <td>Q5076</td>	Q5076
Q4279	G-3	Q5077 <td>Q5078<td>Q5079<td>Q5080<td>Q5081<td>Q5082<td>Q5083<td>Q5084<td>Q5085<td>Q5086<td>Q5087<td>Q5088<td>Q5089<td>Q5090</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q5078 <td>Q5079<td>Q5080<td>Q5081<td>Q5082<td>Q5083<td>Q5084<td>Q5085<td>Q5086<td>Q5087<td>Q5088<td>Q5089<td>Q5090</td></td></td></td></td></td></td></td></td></td></td></td>		Q5079 <td>Q5080<td>Q5081<td>Q5082<td>Q5083<td>Q5084<td>Q5085<td>Q5086<td>Q5087<td>Q5088<td>Q5089<td>Q5090</td></td></td></td></td></td></td></td></td></td></td>		Q5080 <td>Q5081<td>Q5082<td>Q5083<td>Q5084<td>Q5085<td>Q5086<td>Q5087<td>Q5088<td>Q5089<td>Q5090</td></td></td></td></td></td></td></td></td></td>		Q5081 <td>Q5082<td>Q5083<td>Q5084<td>Q5085<td>Q5086<td>Q5087<td>Q5088<td>Q5089<td>Q5090</td></td></td></td></td></td></td></td></td>		Q5082 <td>Q5083<td>Q5084<td>Q5085<td>Q5086<td>Q5087<td>Q5088<td>Q5089<td>Q5090</td></td></td></td></td></td></td></td>		Q5083 <td>Q5084<td>Q5085<td>Q5086<td>Q5087<td>Q5088<td>Q5089<td>Q5090</td></td></td></td></td></td></td>		Q5084 <td>Q5085<td>Q5086<td>Q5087<td>Q5088<td>Q5089<td>Q5090</td></td></td></td></td></td>	Q5085 <td>Q5086<td>Q5087<td>Q5088<td>Q5089<td>Q5090</td></td></td></td></td>	Q5086 <td>Q5087<td>Q5088<td>Q5089<td>Q5090</td></td></td></td>	Q5087 <td>Q5088<td>Q5089<td>Q5090</td></td></td>	Q5088 <td>Q5089<td>Q5090</td></td>	Q5089 <td>Q5090</td>	Q5090
Q4280	G-3	Q5091 <td>Q5092<td>Q5093<td>Q5094<td>Q5095<td>Q5096<td>Q5097<td>Q5098<td>Q5099<td>Q5100<td>Q5101<td>Q5102<td>Q5103<td>Q5104</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q5092 <td>Q5093<td>Q5094<td>Q5095<td>Q5096<td>Q5097<td>Q5098<td>Q5099<td>Q5100<td>Q5101<td>Q5102<td>Q5103<td>Q5104</td></td></td></td></td></td></td></td></td></td></td></td>		Q5093 <td>Q5094<td>Q5095<td>Q5096<td>Q5097<td>Q5098<td>Q5099<td>Q5100<td>Q5101<td>Q5102<td>Q5103<td>Q5104</td></td></td></td></td></td></td></td></td></td></td>		Q5094 <td>Q5095<td>Q5096<td>Q5097<td>Q5098<td>Q5099<td>Q5100<td>Q5101<td>Q5102<td>Q5103<td>Q5104</td></td></td></td></td></td></td></td></td></td>		Q5095 <td>Q5096<td>Q5097<td>Q5098<td>Q5099<td>Q5100<td>Q5101<td>Q5102<td>Q5103<td>Q5104</td></td></td></td></td></td></td></td></td>		Q5096 <td>Q5097<td>Q5098<td>Q5099<td>Q5100<td>Q5101<td>Q5102<td>Q5103<td>Q5104</td></td></td></td></td></td></td></td>		Q5097 <td>Q5098<td>Q5099<td>Q5100<td>Q5101<td>Q5102<td>Q5103<td>Q5104</td></td></td></td></td></td></td>		Q5098 <td>Q5099<td>Q5100<td>Q5101<td>Q5102<td>Q5103<td>Q5104</td></td></td></td></td></td>	Q5099 <td>Q5100<td>Q5101<td>Q5102<td>Q5103<td>Q5104</td></td></td></td></td>	Q5100 <td>Q5101<td>Q5102<td>Q5103<td>Q5104</td></td></td></td>	Q5101 <td>Q5102<td>Q5103<td>Q5104</td></td></td>	Q5102 <td>Q5103<td>Q5104</td></td>	Q5103 <td>Q5104</td>	Q5104
Q4281	G-3	Q5105 <th rowspan="5">P4043</th> <td>Q5106<th rowspan="5">P4044</th><td>Q5107<th rowspan="5">P4045</th><td>Q5108<th rowspan="5">P4046</th><td>Q5109<th rowspan="5">P4047</th><td>Q5110<th rowspan="5">P4048</th><td>Q5111<th rowspan="5">P4049</th></td></td></td></td></td></td>	P4043	Q5106 <th rowspan="5">P4044</th> <td>Q5107<th rowspan="5">P4045</th><td>Q5108<th rowspan="5">P4046</th><td>Q5109<th rowspan="5">P4047</th><td>Q5110<th rowspan="5">P4048</th><td>Q5111<th rowspan="5">P4049</th></td></td></td></td></td>	P4044	Q5107 <th rowspan="5">P4045</th> <td>Q5108<th rowspan="5">P4046</th><td>Q5109<th rowspan="5">P4047</th><td>Q5110<th rowspan="5">P4048</th><td>Q5111<th rowspan="5">P4049</th></td></td></td></td>	P4045	Q5108 <th rowspan="5">P4046</th> <td>Q5109<th rowspan="5">P4047</th><td>Q5110<th rowspan="5">P4048</th><td>Q5111<th rowspan="5">P4049</th></td></td></td>	P4046	Q5109 <th rowspan="5">P4047</th> <td>Q5110<th rowspan="5">P4048</th><td>Q5111<th rowspan="5">P4049</th></td></td>	P4047	Q5110 <th rowspan="5">P4048</th> <td>Q5111<th rowspan="5">P4049</th></td>	P4048	Q5111 <th rowspan="5">P4049</th>	P4049							
Q4282	G-3	Q5112 <td>Q5113<td>Q5114<td>Q5115<td>Q5116<td>Q5117<td>Q5118<td>Q5119<td>Q5120<td>Q5121<td>Q5122<td>Q5123<td>Q5124<td>Q5125</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q5113 <td>Q5114<td>Q5115<td>Q5116<td>Q5117<td>Q5118<td>Q5119<td>Q5120<td>Q5121<td>Q5122<td>Q5123<td>Q5124<td>Q5125</td></td></td></td></td></td></td></td></td></td></td></td>		Q5114 <td>Q5115<td>Q5116<td>Q5117<td>Q5118<td>Q5119<td>Q5120<td>Q5121<td>Q5122<td>Q5123<td>Q5124<td>Q5125</td></td></td></td></td></td></td></td></td></td></td>		Q5115 <td>Q5116<td>Q5117<td>Q5118<td>Q5119<td>Q5120<td>Q5121<td>Q5122<td>Q5123<td>Q5124<td>Q5125</td></td></td></td></td></td></td></td></td></td>		Q5116 <td>Q5117<td>Q5118<td>Q5119<td>Q5120<td>Q5121<td>Q5122<td>Q5123<td>Q5124<td>Q5125</td></td></td></td></td></td></td></td></td>		Q5117 <td>Q5118<td>Q5119<td>Q5120<td>Q5121<td>Q5122<td>Q5123<td>Q5124<td>Q5125</td></td></td></td></td></td></td></td>		Q5118 <td>Q5119<td>Q5120<td>Q5121<td>Q5122<td>Q5123<td>Q5124<td>Q5125</td></td></td></td></td></td></td>		Q5119 <td>Q5120<td>Q5121<td>Q5122<td>Q5123<td>Q5124<td>Q5125</td></td></td></td></td></td>	Q5120 <td>Q5121<td>Q5122<td>Q5123<td>Q5124<td>Q5125</td></td></td></td></td>	Q5121 <td>Q5122<td>Q5123<td>Q5124<td>Q5125</td></td></td></td>	Q5122 <td>Q5123<td>Q5124<td>Q5125</td></td></td>	Q5123 <td>Q5124<td>Q5125</td></td>	Q5124 <td>Q5125</td>	Q5125
Q4283	G-3	Q5126 <td>Q5127<td>Q5128<td>Q5129<td>Q5130<td>Q5131<td>Q5132<td>Q5133<td>Q5134<td>Q5135<td>Q5136<td>Q5137<td>Q5138<td>Q5139</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q5127 <td>Q5128<td>Q5129<td>Q5130<td>Q5131<td>Q5132<td>Q5133<td>Q5134<td>Q5135<td>Q5136<td>Q5137<td>Q5138<td>Q5139</td></td></td></td></td></td></td></td></td></td></td></td>		Q5128 <td>Q5129<td>Q5130<td>Q5131<td>Q5132<td>Q5133<td>Q5134<td>Q5135<td>Q5136<td>Q5137<td>Q5138<td>Q5139</td></td></td></td></td></td></td></td></td></td></td>		Q5129 <td>Q5130<td>Q5131<td>Q5132<td>Q5133<td>Q5134<td>Q5135<td>Q5136<td>Q5137<td>Q5138<td>Q5139</td></td></td></td></td></td></td></td></td></td>		Q5130 <td>Q5131<td>Q5132<td>Q5133<td>Q5134<td>Q5135<td>Q5136<td>Q5137<td>Q5138<td>Q5139</td></td></td></td></td></td></td></td></td>		Q5131 <td>Q5132<td>Q5133<td>Q5134<td>Q5135<td>Q5136<td>Q5137<td>Q5138<td>Q5139</td></td></td></td></td></td></td></td>		Q5132 <td>Q5133<td>Q5134<td>Q5135<td>Q5136<td>Q5137<td>Q5138<td>Q5139</td></td></td></td></td></td></td>		Q5133 <td>Q5134<td>Q5135<td>Q5136<td>Q5137<td>Q5138<td>Q5139</td></td></td></td></td></td>	Q5134 <td>Q5135<td>Q5136<td>Q5137<td>Q5138<td>Q5139</td></td></td></td></td>	Q5135 <td>Q5136<td>Q5137<td>Q5138<td>Q5139</td></td></td></td>	Q5136 <td>Q5137<td>Q5138<td>Q5139</td></td></td>	Q5137 <td>Q5138<td>Q5139</td></td>	Q5138 <td>Q5139</td>	Q5139
Q4284	G-3	Q5140 <td>Q5141<td>Q5142<td>Q5143<td>Q5144<td>Q5145<td>Q5146<td>Q5147<td>Q5148<td>Q5149<td>Q5150<td>Q5151<td>Q5152<td>Q5153</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q5141 <td>Q5142<td>Q5143<td>Q5144<td>Q5145<td>Q5146<td>Q5147<td>Q5148<td>Q5149<td>Q5150<td>Q5151<td>Q5152<td>Q5153</td></td></td></td></td></td></td></td></td></td></td></td>		Q5142 <td>Q5143<td>Q5144<td>Q5145<td>Q5146<td>Q5147<td>Q5148<td>Q5149<td>Q5150<td>Q5151<td>Q5152<td>Q5153</td></td></td></td></td></td></td></td></td></td></td>		Q5143 <td>Q5144<td>Q5145<td>Q5146<td>Q5147<td>Q5148<td>Q5149<td>Q5150<td>Q5151<td>Q5152<td>Q5153</td></td></td></td></td></td></td></td></td></td>		Q5144 <td>Q5145<td>Q5146<td>Q5147<td>Q5148<td>Q5149<td>Q5150<td>Q5151<td>Q5152<td>Q5153</td></td></td></td></td></td></td></td></td>		Q5145 <td>Q5146<td>Q5147<td>Q5148<td>Q5149<td>Q5150<td>Q5151<td>Q5152<td>Q5153</td></td></td></td></td></td></td></td>		Q5146 <td>Q5147<td>Q5148<td>Q5149<td>Q5150<td>Q5151<td>Q5152<td>Q5153</td></td></td></td></td></td></td>		Q5147 <td>Q5148<td>Q5149<td>Q5150<td>Q5151<td>Q5152<td>Q5153</td></td></td></td></td></td>	Q5148 <td>Q5149<td>Q5150<td>Q5151<td>Q5152<td>Q5153</td></td></td></td></td>	Q5149 <td>Q5150<td>Q5151<td>Q5152<td>Q5153</td></td></td></td>	Q5150 <td>Q5151<td>Q5152<td>Q5153</td></td></td>	Q5151 <td>Q5152<td>Q5153</td></td>	Q5152 <td>Q5153</td>	Q5153
Q4285	G-3	Q5154 <td>Q5155<td>Q5156<td>Q5157<td>Q5158<td>Q5159<td>Q5160<td>Q5161<td>Q5162<td>Q5163<td>Q5164<td>Q5165<td>Q5166<td>Q5167</td></td></td></td></td></td></td></td></td></td></td></td></td>		Q5155 <td>Q5156<td>Q5157<td>Q5158<td>Q5159<td>Q5160<td>Q5161<td>Q5162<td>Q5163<td>Q5164<td>Q5165<td>Q5166<td>Q5167</td></td></td></td></td></td></td></td></td></td></td></td>		Q5156 <td>Q5157<td>Q5158<td>Q5159<td>Q5160<td>Q5161<td>Q5162<td>Q5163<td>Q5164<td>Q5165<td>Q5166<td>Q5167</td></td></td></td></td></td></td></td></td></td></td>		Q5157 <td>Q5158<td>Q5159<td>Q5160<td>Q5161<td>Q5162<td>Q5163<td>Q5164<td>Q5165<td>Q5166<td>Q5167</td></td></td></td></td></td></td></td></td></td>		Q5158 <td>Q5159<td>Q5160<td>Q5161<td>Q5162<td>Q5163<td>Q5164<td>Q5165<td>Q5166<td>Q5167</td></td></td></td></td></td></td></td></td>		Q5159 <td>Q5160<td>Q5161<td>Q5162<td>Q5163<td>Q5164<td>Q5165<td>Q5166<td>Q5167</td></td></td></td></td></td></td></td>		Q5160 <td>Q5161<td>Q5162<td>Q5163<td>Q5164<td>Q5165<td>Q5166<td>Q5167</td></td></td></td></td></td></td>		Q5161 <td>Q5162<td>Q5163<td>Q5164<td>Q5165<td>Q5166<td>Q5167</td></td></td></td></td></td>	Q5162 <td>Q5163<td>Q5164<td>Q5165<td>Q5166<td>Q5167</td></td></td></td></td>	Q5163 <td>Q5164<td>Q5165<td>Q5166<td>Q5167</td></td></td></td>	Q5164 <td>Q5165<td>Q5166<td>Q5167</td></td></td>	Q5165 <td>Q5166<td>Q5167</td></td>	Q5166 <td>Q5167</td>	Q5167
Q4286	G-3	Q5168 <th rowspan="5">P4050</th> <td>Q5169<th rowspan="5">P4051</th><td>Q5170<th rowspan="5">P4052</th><td>Q5171<th rowspan="5">P4053</th><td>Q5172<th rowspan="5">P4054</th><td>Q5173<th rowspan="5">P4055</th><td>Q5174<th rowspan="5">P4056</th></td></td></td></td></td></td>	P4050	Q5169 <th rowspan="5">P4051</th> <td>Q5170<th rowspan="5">P4052</th><td>Q5171<th rowspan="5">P4053</th><td>Q5172<th rowspan="5">P4054</th><td>Q5173<th rowspan="5">P4055</th><td>Q5174<th rowspan="5">P4056</th></td></td></td></td></td>	P4051	Q5170 <th rowspan="5">P4052</th> <td>Q5171<th rowspan="5">P4053</th><td>Q5172<th rowspan="5">P4054</th><td>Q5173<th rowspan="5">P4055</th><td>Q5174<th rowspan="5">P4056</th></td></td></td></td>	P4052	Q5171 <th rowspan="5">P4053</th> <td>Q5172<th rowspan="5">P4054</th><td>Q5173<th rowspan="5">P4055</th><td>Q5174<th rowspan="5">P4056</th></td></td></td>	P4053	Q5172 <th rowspan="5">P4054</th> <td>Q5173<th rowspan="5">P4055</th><td>Q5174<th rowspan="5">P4056</th></td></td>	P4054	Q5173 <th rowspan="5">P4055</th> <td>Q5174<th rowspan="5">P4056</th></td>	P4055	Q5174 <th rowspan="5">P4056</th>	P4056							
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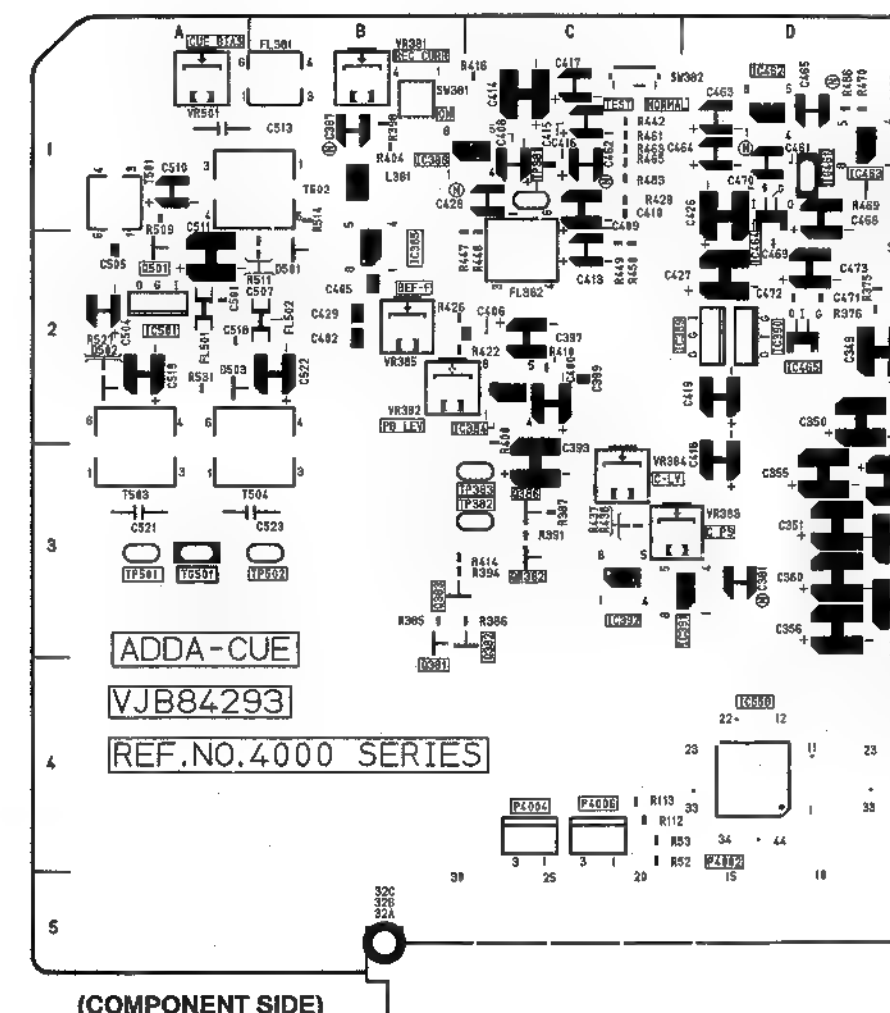
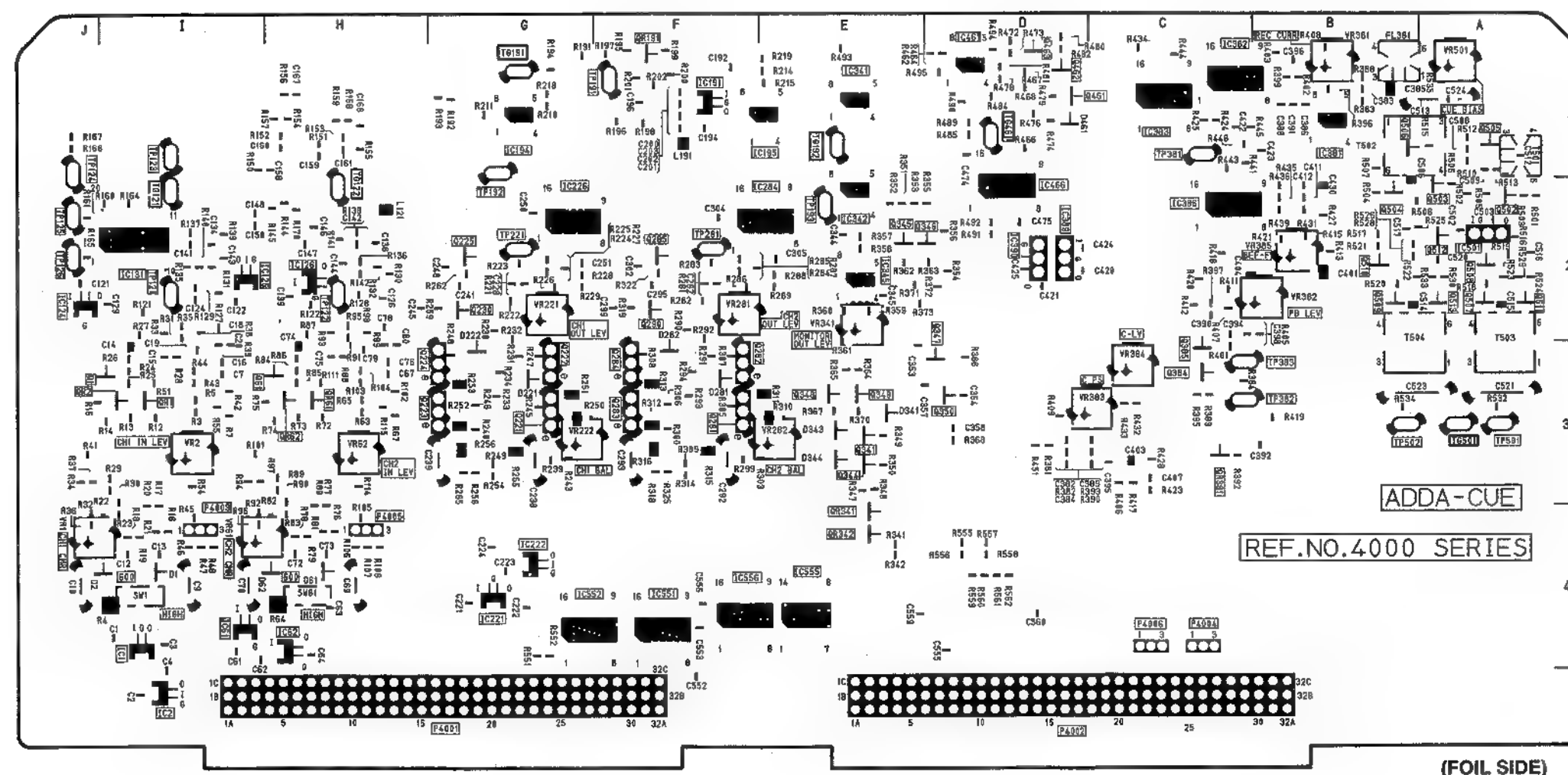
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 TP501 TF
 TG501

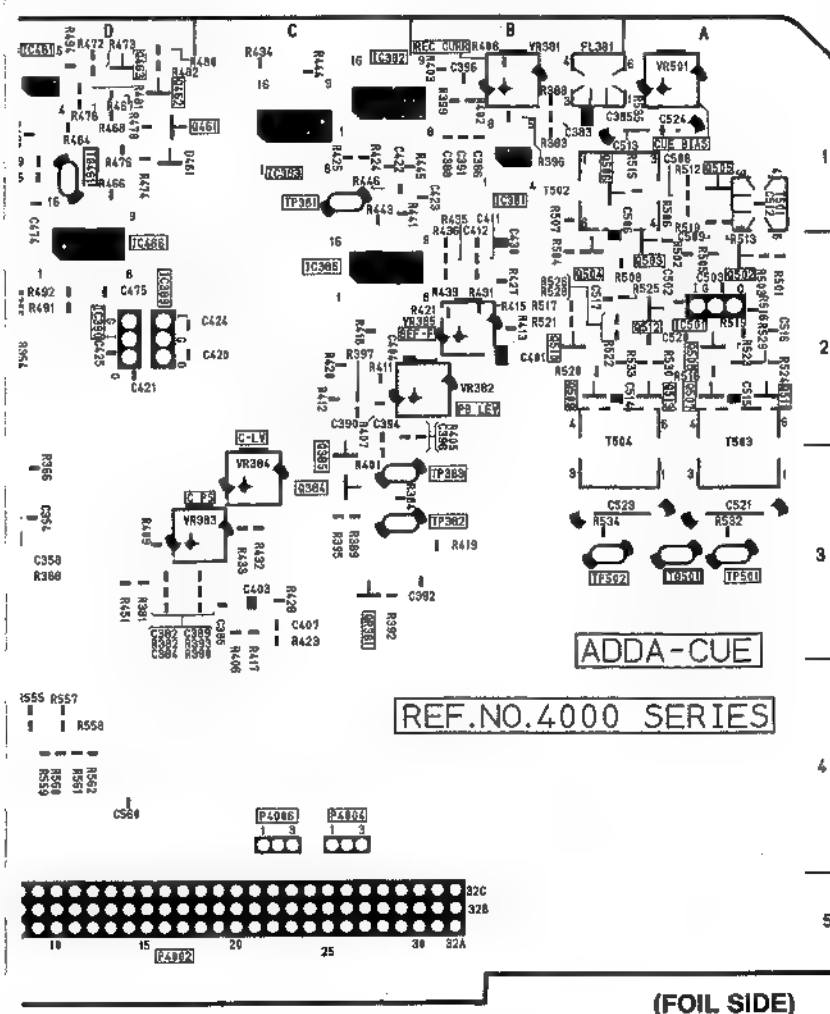
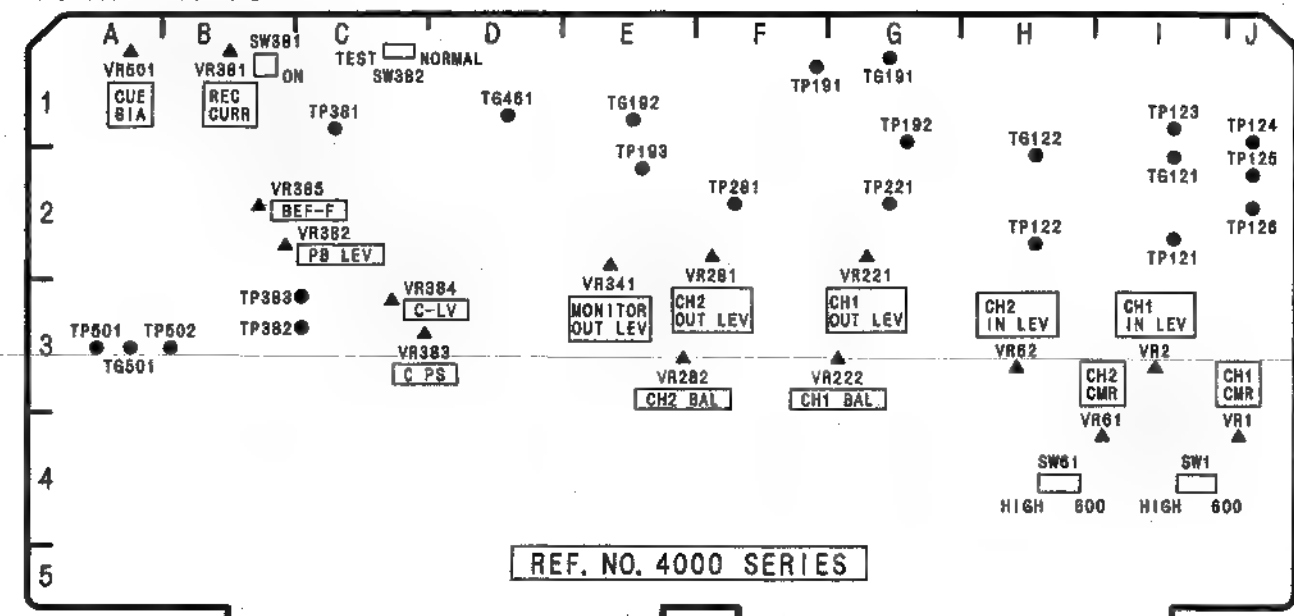
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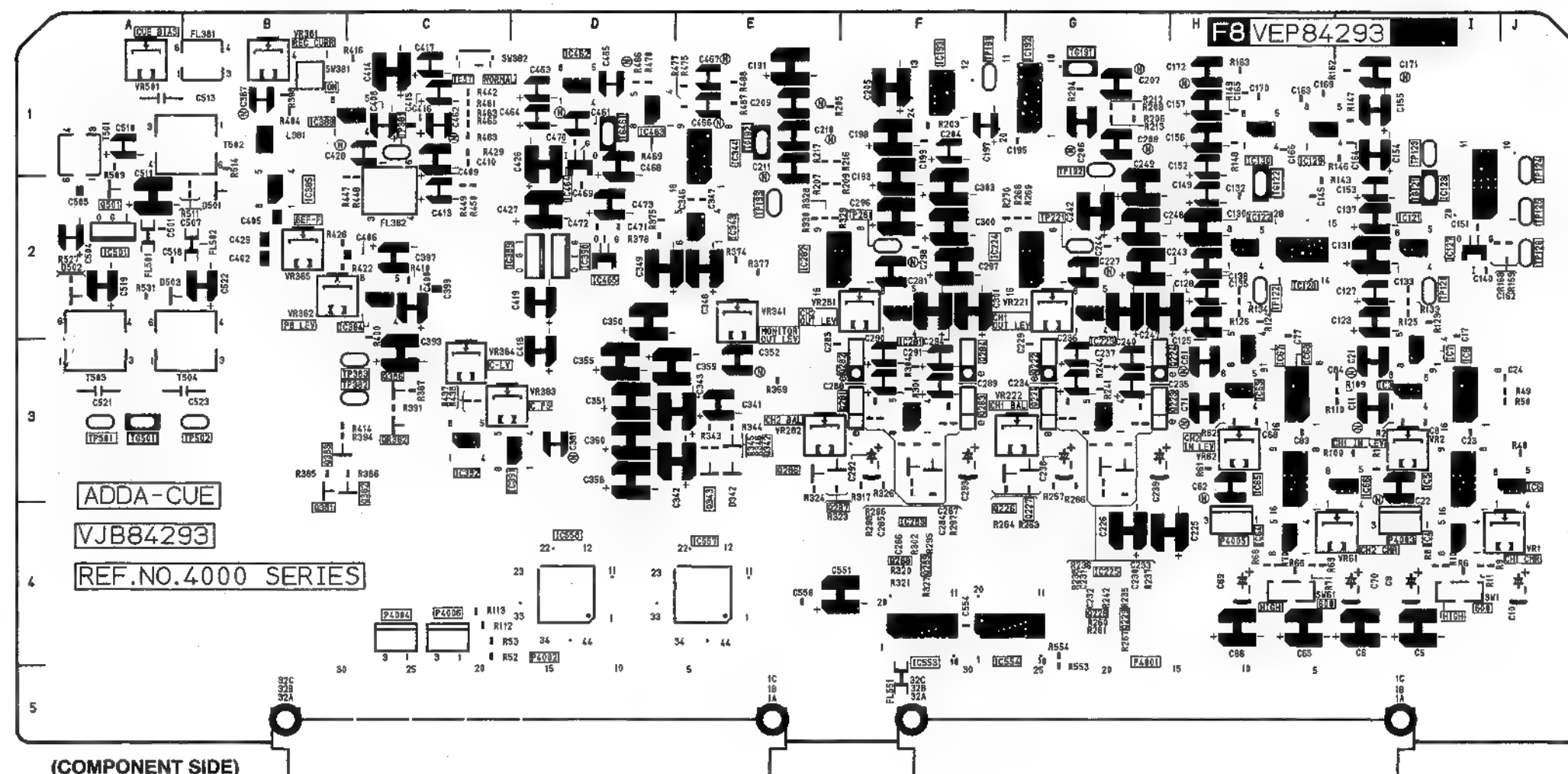


F8 ADDA									
IC4006	J-3	⊗	IC4194	G-1	⊗	IC4386	C-2	⊗	Test Points
IC4008	I-3	⊗	IC4195	E-1	⊗	IC4388	B-1	⊗	TP4121
IC4061	I-4	⊗	IC4221	G-4	⊗	IC4389	D-2	⊗	TP4122
IC4062	H-4	⊗	IC4222	G-4	⊗	IC4390	D-2	⊗	TP4191
IC4063	H-3	⊗	IC4223	G-2	⊗	IC4391	D-3	⊗	TP4192
IC4064	H-4	⊗	IC4224	G-2	⊗	IC4392	C-3	⊗	TP4461
IC4065	H-3	⊗	IC4225	G-3	⊗	IC4461	D-1	⊗	TP4501
IC4066	I-3	⊗	IC4226	G-2	⊗	IC4462	D-1	⊗	TP4121
IC4068	H-3	⊗	IC4281	F-2	⊗	IC4463	D-1	⊗	TP4122
IC4121	I-2	⊗	IC4282	E-2	⊗	IC4464	D-1	⊗	TP4123
IC4122	H-2	⊗	IC4283	F-3	⊗	IC4465	D-2	⊗	TP4124
IC4123	I-1	⊗	IC4284	E-2	⊗	IC4466	D-2	⊗	TP4125
IC4124	J-2	⊗	IC4341	E-1	⊗	IC4501	A-2	⊗	TP4126
IC4125	I-2	⊗	IC4342	E-2	⊗	IC4551	F-4	⊗	TP4191
IC4126	H-2	⊗	IC4343	E-2	⊗	IC4552	G-4	⊗	TP4192
IC4127	I-2	⊗	IC4344	E-1	⊗	IC4553	F-4	⊗	TP4193
IC4128	H-2	⊗	IC4345	E-2	⊗	IC4554	G-4	⊗	TP4221
IC4129	H-1	⊗	IC4381	B-1	⊗	IC4555	F-4	⊗	TP4281
IC4131	I-2	⊗	IC4382	C-1	⊗	IC4556	F-4	⊗	TP4381
IC4191	F-1	⊗	IC4383	C-1	⊗	IC4557	F-4	⊗	TP4382
IC4192	G-1	⊗	IC4384	C-2	⊗	IC4558	D-4	⊗	TP4383
IC4193	F-1	⊗	IC4385	B-2	⊗				TP4501

F8 ADDA P. C. BOARD



(FOIL SIDE)



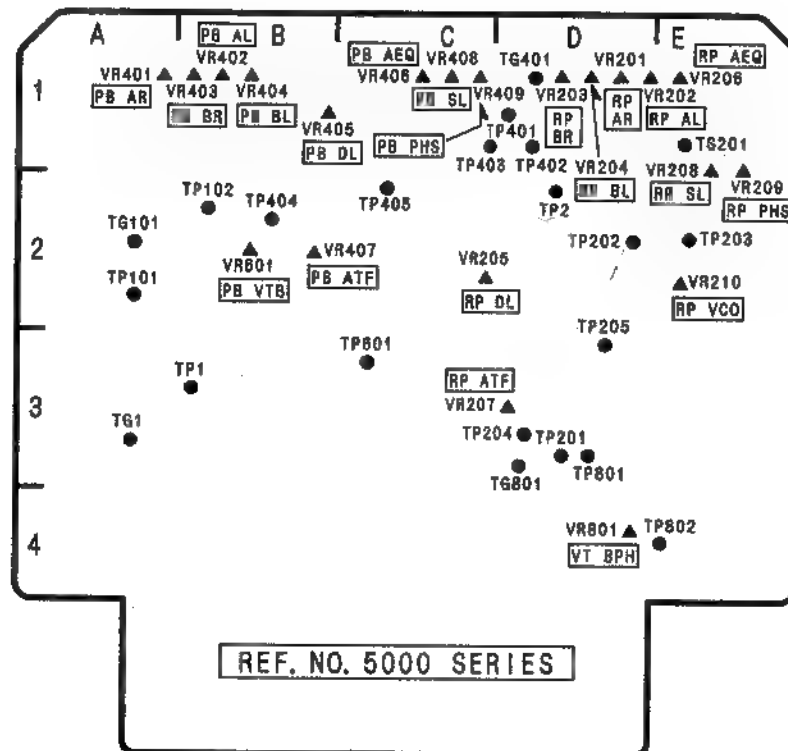
(COMPONENT SIDE)

H3 EQ P.C. BOARD (VEP85048A)

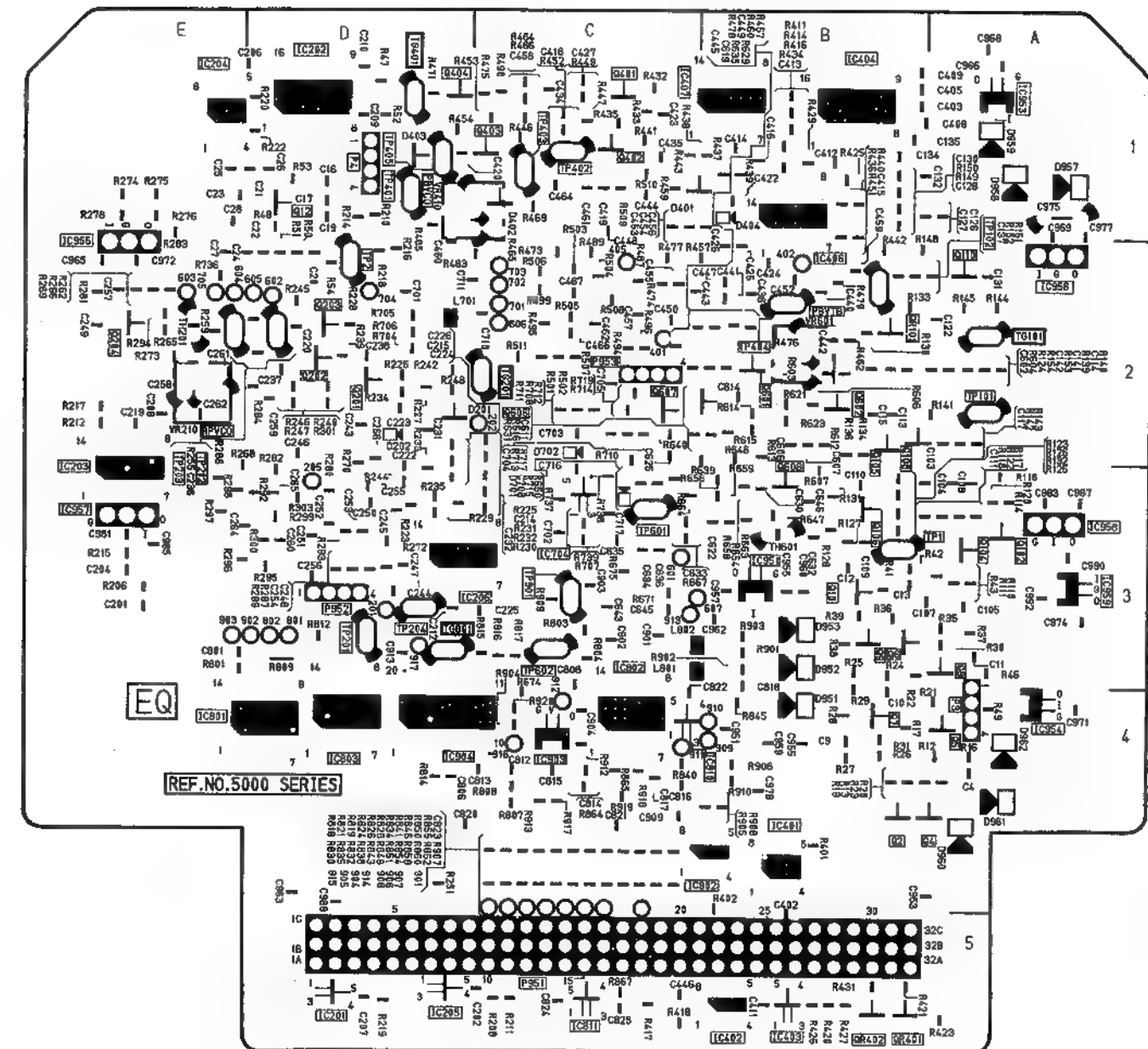
H3 EQ									
Transistors		Q5603		IC5411		Test Points		VR5210	
Q5001	A-4	Q5606	B-2	IC5601	B-2	TP1	B-3	VR5401	A-1
Q5002	B-4	Q5607	C-2	IC5602	B-3	TP2	D-2	VR5402	B-1
Q5003	B-4	Q5608	B-3	IC5603	C-3	TP101	A-2	VR5403	B-1
Q5004	A-4	Transistor Resistors		IC5701	D-2	TP102	B-2	VR5404	B-1
Q5005	A-4			IC5702	C-2	TP201	D-3	VR5406	C-1
Q5006	B-3			IC5703	C-3	TP202	D-2	VR5407	B-2
Q5007	B-4	QR5101	B-2	IC5704	C-3	TP203	E-2	VR5408	C-1
Q5008	A-3	QR5401	B-5	IC5801	E-4	TP204	D-3	VR5410	D-1
Q5009	B-3	QR5402	B-5	IC5802	C-3	TP401	D-1	VR5410	D-1
Q5010	B-3	Integrated Circuits		IC5803	D-4	TP402	C-1	VR5411	C-2
Q5011	A-3			IC5805	D-4	TP403	C-1	VR5801	B-2
Q5012	D-1			IC5806	D-4	TP404	B-2		D-4
Q5101	A-3	IC5201	D-5	IC5807	C-4	TP405	D-1	Switch	
Q5102	A-3	IC5202	D-1	IC5808	C-4	TP801	C-3		
Q5103	B-3	IC5203	E-3	IC5809	C-4	TP802	C-3	Connectors	
Q5104	A-3	IC5204	E-1	IC5810	B-4	TP801	D-3		
Q5105	B-2	IC5205	D-5	IC5811	C-5	TP802	E-4	P5003	A-4
Q5106	B-3	IC5206	C-3	IC5901	C-3	TP801	C-3	P5004	D-1
Q5107	B-2	IC5207	D-3	IC5902	B-4	TG5101	A-2	P5951	C-5
Q5108	B-2	IC5208	D-2	IC5903	C-4	TG5201	C-2	P5952	D-3
Q5109	A-2	IC5209	D-2	IC5904	D-4	TG5401	D-1	P5953	C-2
Q5110	A-2	IC5210	E-3	IC5951	B-3	TG5801	D-3		
Q5111	A-2	IC5401	B-4	IC5952	A-1	Adjustments			
Q5201	D-2	IC5402	B-5	IC5953	A-4				
Q5203	D-2	IC5403	B-5	IC5954	E-2	VR201	D-1		
Q5204	E-2	IC5404	B-1	IC5955	E-1	VR202	D-1		
Q5401	C-1	IC5405	B-1	IC5956	E-3	VR203	D-1		
Q5402	C-1	IC5406	B-2	IC5957	A-3	VR204	D-1		
Q5403	C-1	IC5407	C-1	IC5958	A-3	VR206	E-1		
Q5404	D-1	IC5408	C-2	IC5959	A-3	VR207	D-3		
Q5601	B-2	IC5409	C-1			VR208	E-1		
Q5602	B-2	IC5410	C-1			VR209	E-1		

ADDRESS INFORMATION
 © ... COMPONENT SIDE
 ① ... FOIL SIDE

H3 EQ P. C. BOARD

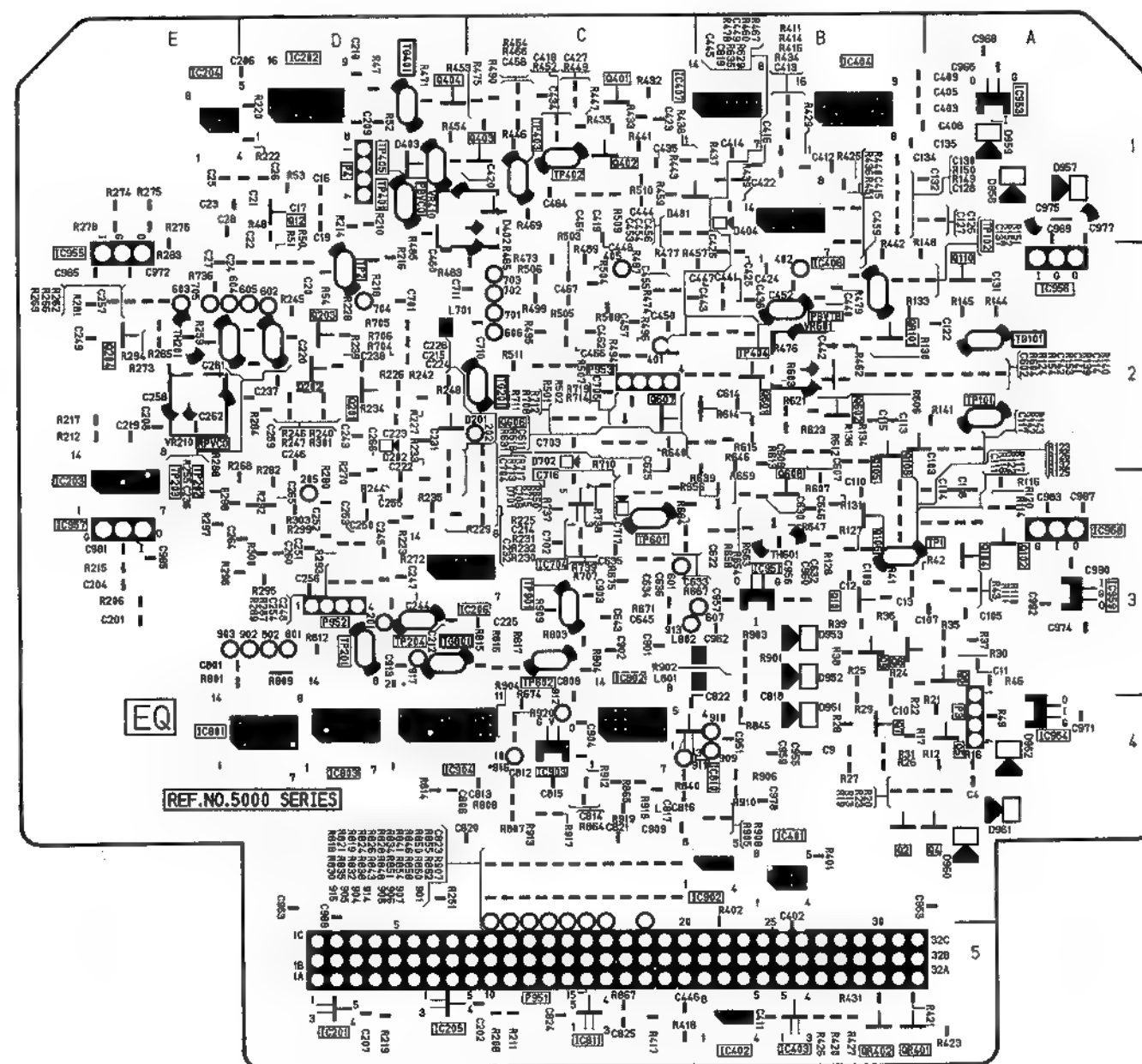


(COMPONENT SIDE)

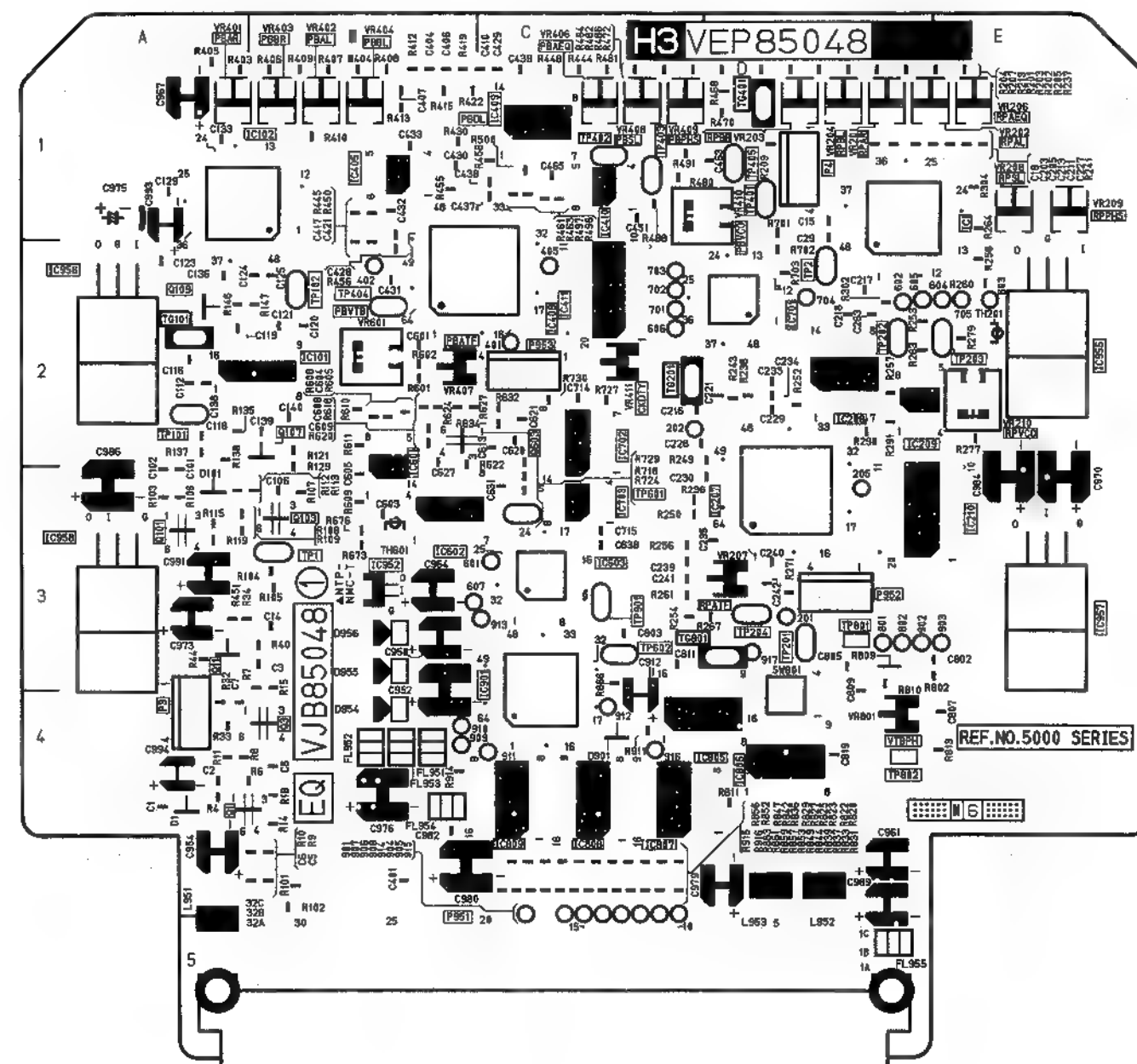


(FOIL SIDE)

H3 EQ P.C. BOARD (VEP85048A)

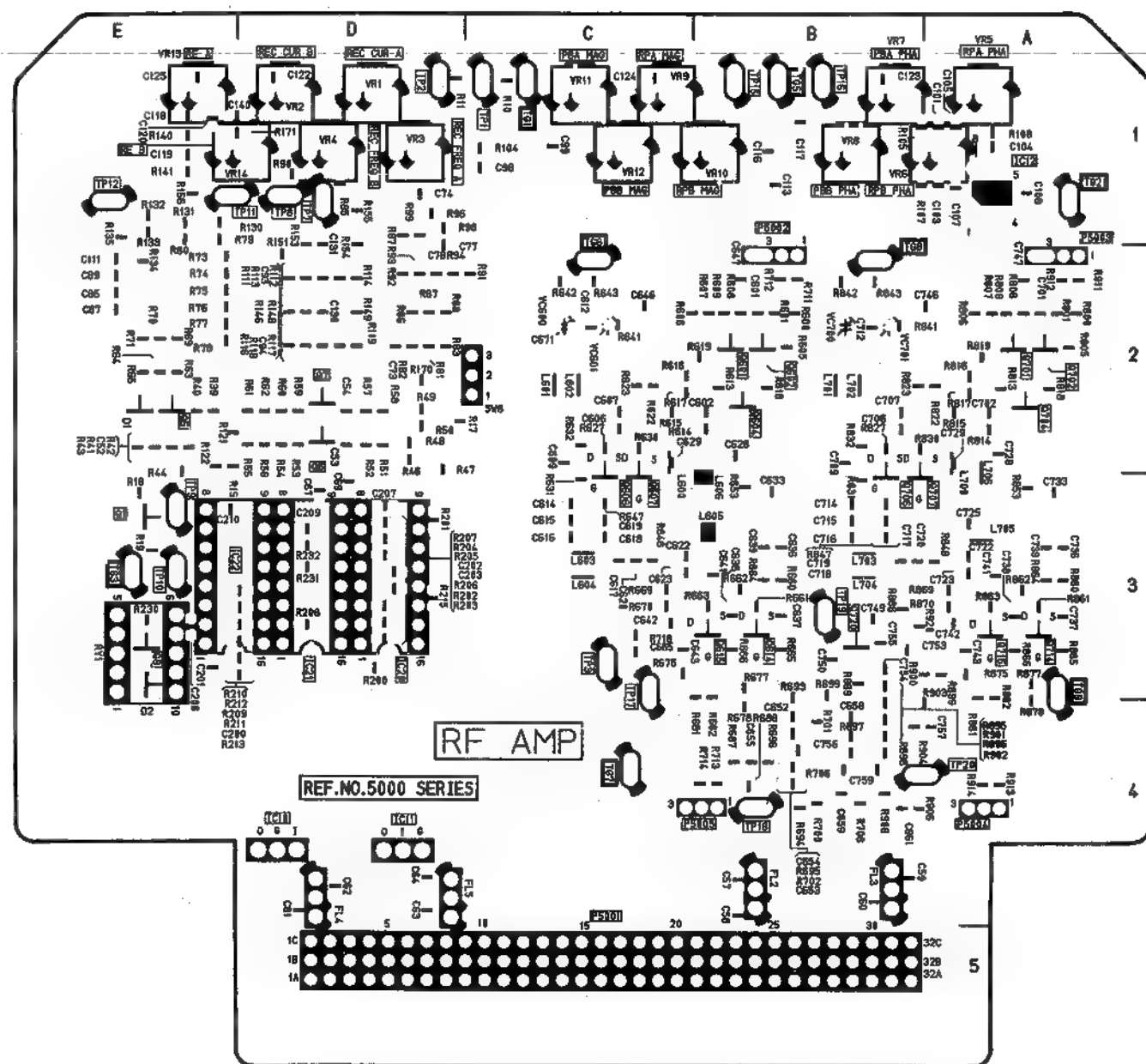


(FIOL SIDE)

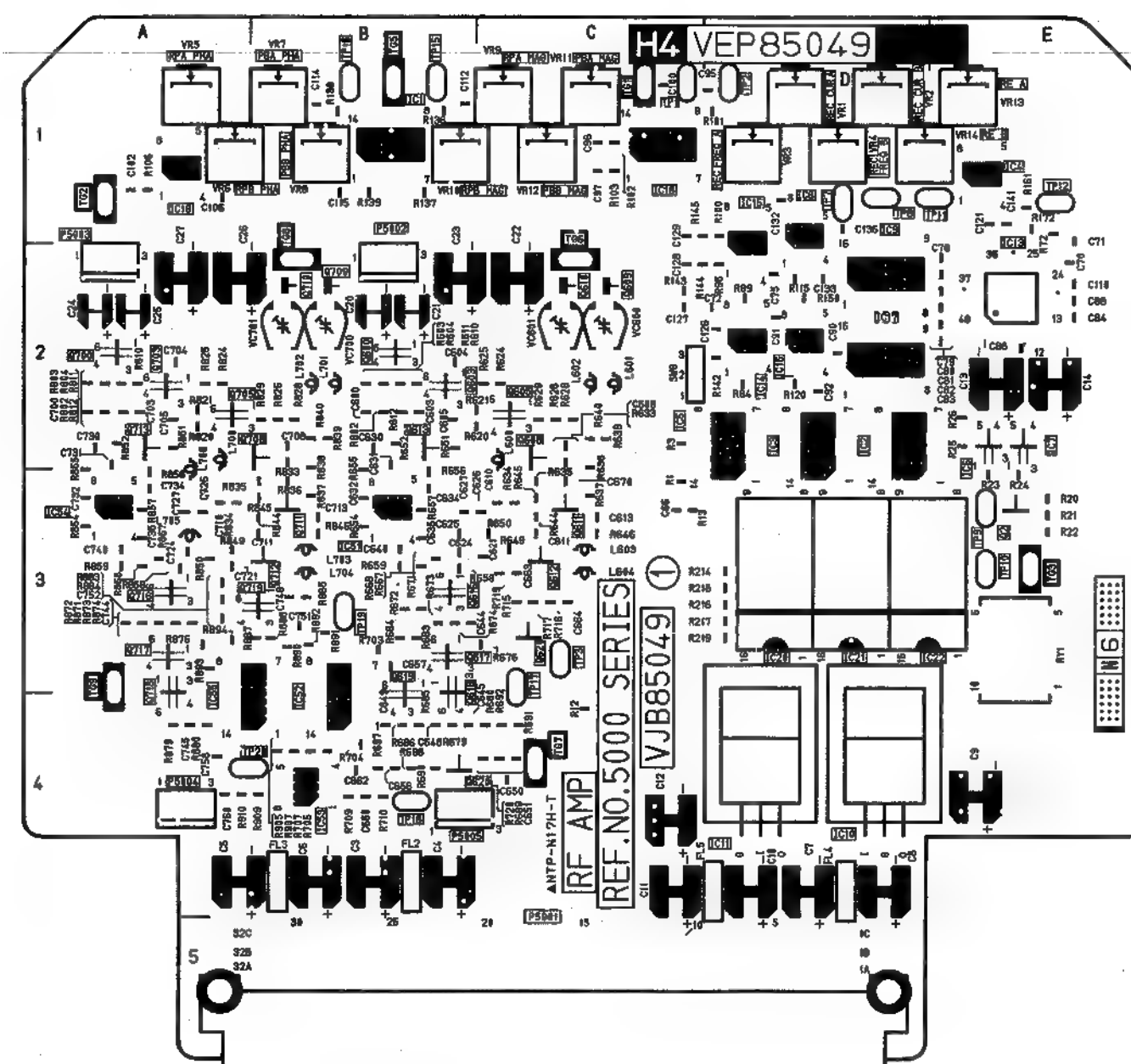


(COMPONENT SIDE)

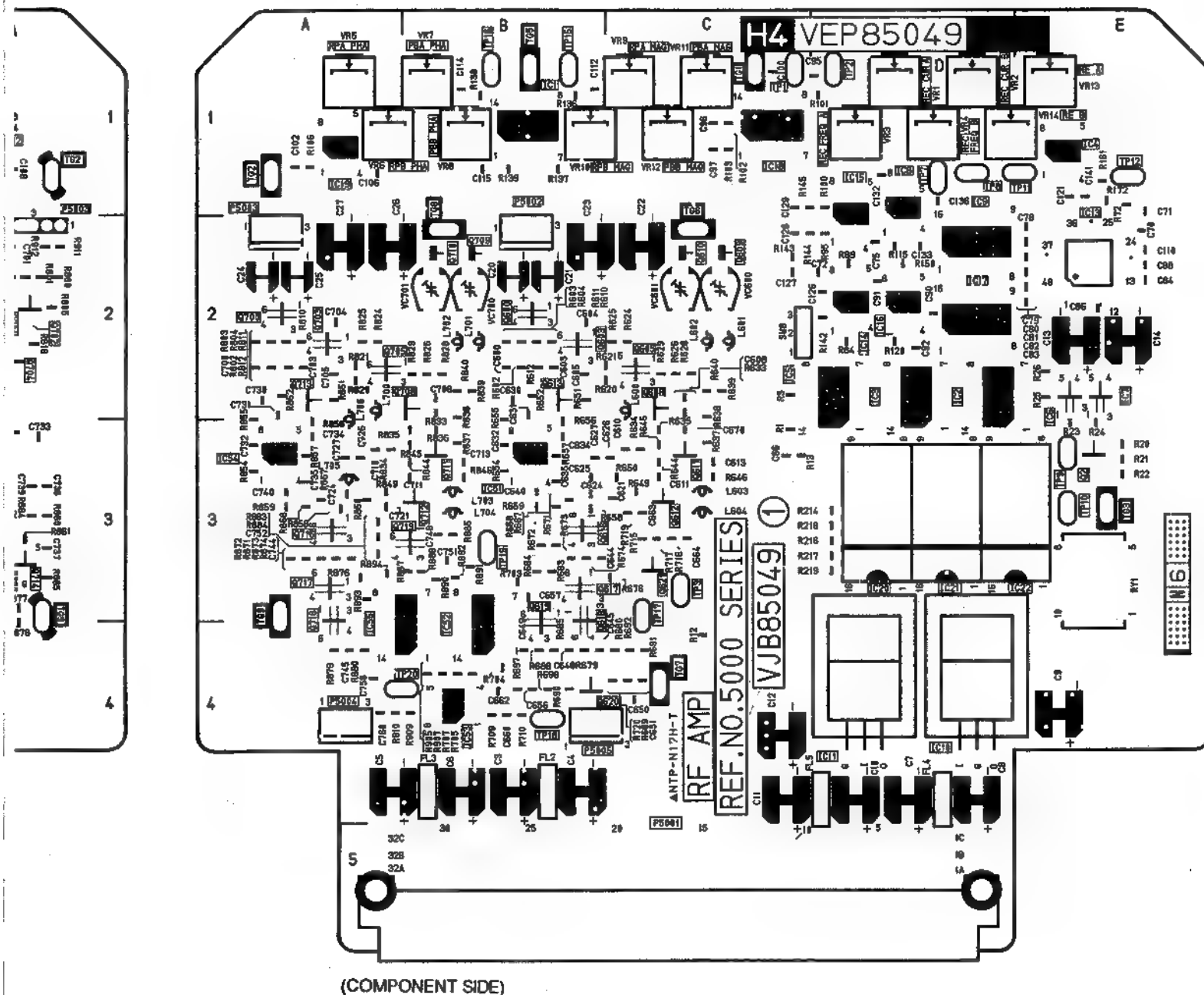
H4 RF AMP P.C. BOARD (VEP85049A)



(FOIL SIDE)



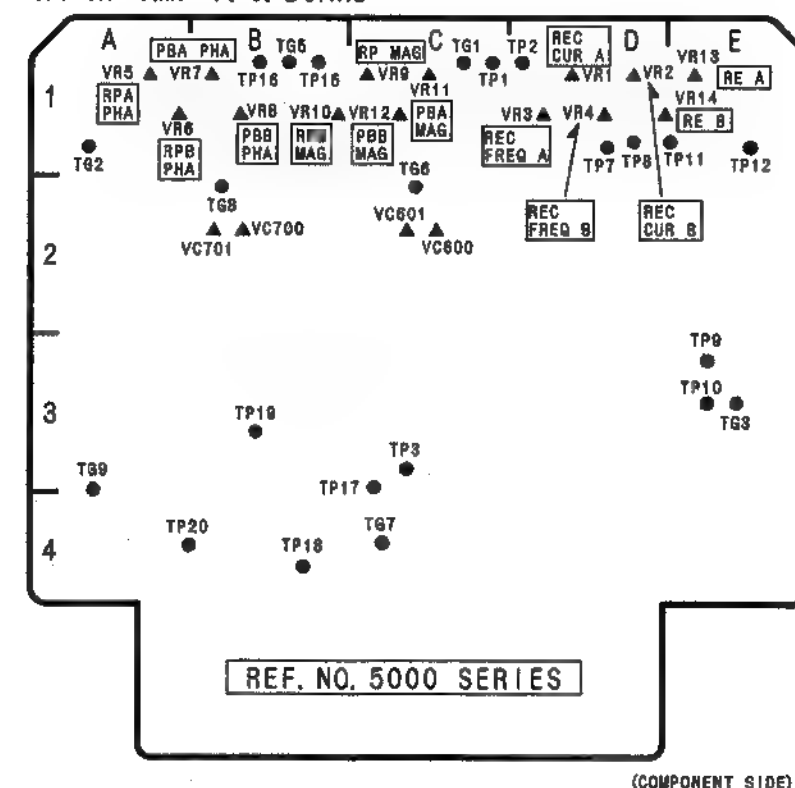
(COMPONENT SIDE)



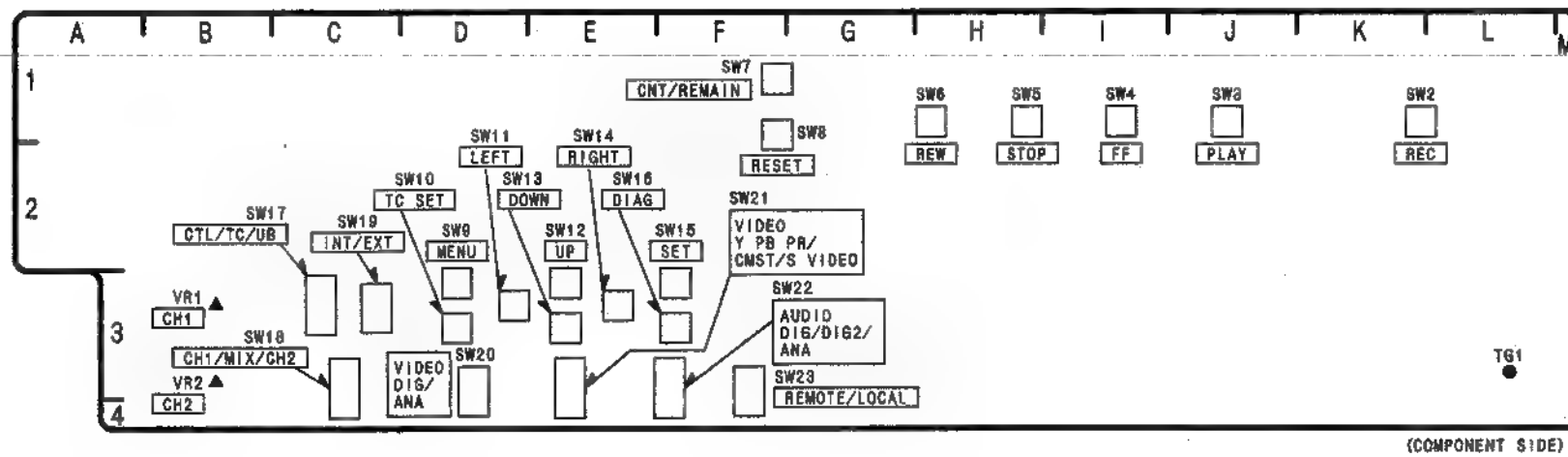
H4 RF AMP									
Transistors		Q5704	A-2 ②	IC5016	D-2 ②	TG5007	C-4		
Q5001	E-3 ②	Q5705	A-2 ②	IC5017	D-2 ②	TG5008	B-2		
Q5002	E-3 ②	Q5706	B-3 ②	IC5018	C-1 ②	TG5009	A-3		
Q5005	E-2 ②	Q5707	A-3 ②	IC5019	A-1 ②	Adjustments			
Q5006	D-2 ②	Q5708	B-2 ②	IC5020	D-3				
Q5007	D-2 ②	Q5709	B-2 ②	IC5021	D-3	VC5800	C-2 ②		
Q5008	E-3 ②	Q5710	B-2 ②	IC5022	E-3	VC5801	C-2 ②		
Q5600	B-2 ②	Q5711	B-3 ②	IC5051	B-3 ②	VC5700	B-2		
Q5601	B-2 ②	Q5712	B-3 ②	IC5052	B-4 ②	VC5701	B-2 ②		
Q5602	B-2 ②	Q5713	A-2 ②	IC5053	B-4 ②	VR5001	D-1		
Q5603	B-2 ②	Q5714	A-3 ②	IC5054	A-3 ②	VR5002	D-1		
Q5604	B-2 ②	Q5715	A-3 ②	IC5055	A-4 ②	VR5003	D-1		
Q5605	C-2 ②	Q5716	A-3 ②	Test Points		VR5004	D-1		
Q5606	C-3 ②	Q5717	A-3 ②			VR5005	A-1		
Q5607	C-3 ②	Q5718	A-3 ②	TP1	C-1	VR5006	A-1		
Q5608	C-2 ②	Q5719	B-3 ②	TP2	D-1	VR5007	B-1		
Q5609	C-2 ②	Q5720	B-3 ②	TP3	C-3	VR5008	B-1		
Q5610	C-2 ②	Integrated Circuits		TP7	D-1	VR5009	C-1		
Q5611	C-3 ②			TP8	D-1	VR5010	B-1		
Q5612	C-3 ②	IC5001	B-1 ②	TP9	E-3	VR5011	C-1		
Q5613	B-2 ②	IC5002	D-2 ②	TP10	E-3	VR5012	C-1		
Q5614	B-3 ②	IC5003	D-2 ②	TP11	D-1	VR5013	E-1		
Q5615	B-3 ②	IC5004	E-1 ②	TP12	E-1	VR5014	E-1		
Q5616	B-3 ②	IC5005	C-2 ②	TP15	B-1	Switch			
Q5617	C-3 ②	IC5006	E-2 ②	TP16	B-1				
Q5618	B-3 ②	IC5007	E-2 ②	TP17	C-3	SW5008	C-2		
Q5619	B-3 ②	IC5008	D-1 ②	TP18	B-4	Connectors			
Q5620	B-4 ②	IC5009	D-1 ②	TP19	B-3				
Q5621	C-3 ②	IC5010	D-4	TP20	A-4	P5001	C-4		
Q5700	A-2 ②	IC5011	D-4	TG5001	C-1	P5002	B-1		
Q5701	A-2 ②	IC5012	A-1 ②	TG5002	A-1	P5003	A-1		
Q5702	A-2 ②	IC5013	E-1 ②	TG5003	E-3	P5004	A-4		
Q5703	A-2 ②	IC5014	D-2 ②	TG5005	B-1	P5005	B-4		
		IC5015	D-1 ②	TG5006	C-1				

ADDRESS INFORMATION
 ◎ ... COMPONENT SIDE
 ○ ... FOIL SIDE

H4 RF AMP P. C. BOARD



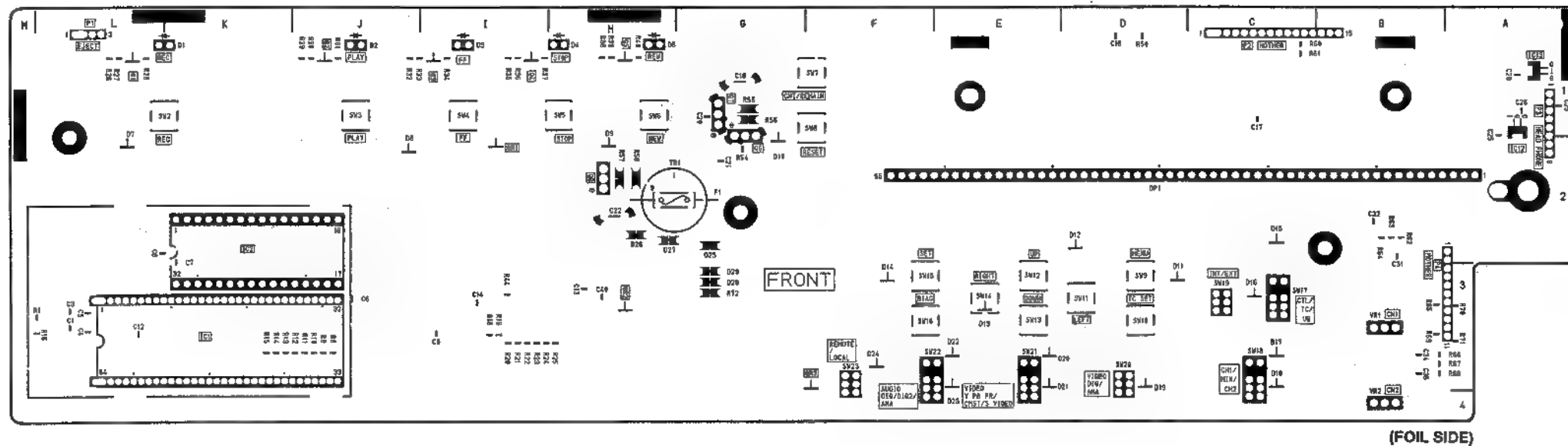
FRONT P. C. BOARD



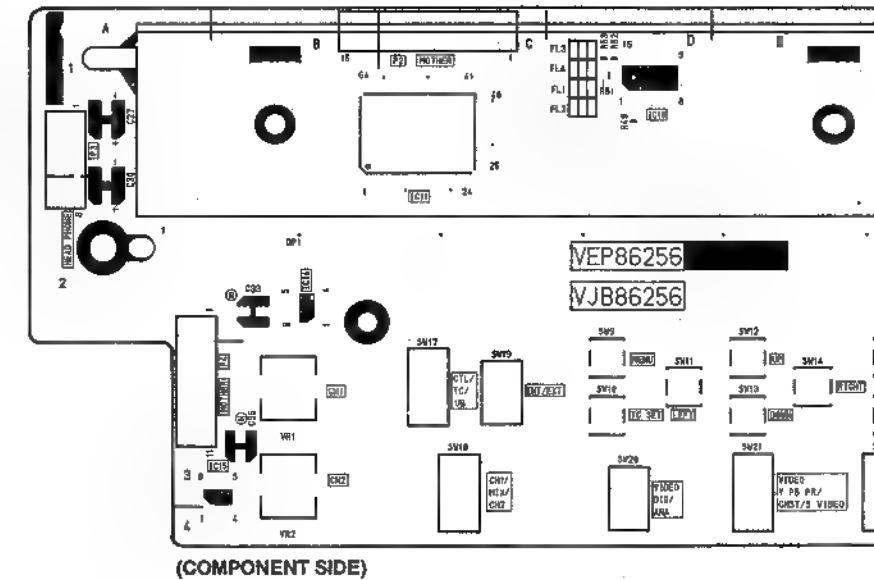
(COMPONENT SIDE)

FRONT			
Transistors		Adjustments	
Q1	L-1	VR1	B-3
Q2	J-1	VR2	B-4
Q3	I-1	Switches	
Q4	I-1		
Q5	H-1		
Q6	G-1		
Q7	G-1		
Q8	H-2		
Transistor-Resistors		Switches	
QR1	I-2	SW2	K-1
QR2	H-3	SW3	J-1
QR3	F-3	SW4	I-1
Integrated Circuits		SW5	H-1
IC1	K-3	SW6	H-1
IC2	K-2	SW7	F-1
IC3	L-2	SW8	F-1
IC4	L-3	SW9	D-3
IC5	J-3	SW10	D-3
IC6	I-3	SW11	D-3
IC7	J-3	SW12	E-3
IC8	H-3	SW13	E-3
IC9	I-3	SW14	E-3
IC10	D-1	SW15	F-3
IC11	C-1	SW16	F-3
IC12	A-1	SW17	C-2
IC13	A-1	SW18	C-3
IC14	B-2	SW19	C-3
IC15	B-3	SW20	D-3
Test Point		SW21	E-3
TG1	L-3	SW22	F-3
		SW23	F-3
		Connectors	
		P1	L-1
		P2	C-1
		P3	A-1
		P4	A-3

ADDRESS INFORMATION
 (C) ... COMPONENT SIDE
 (F) ... FOIL SIDE

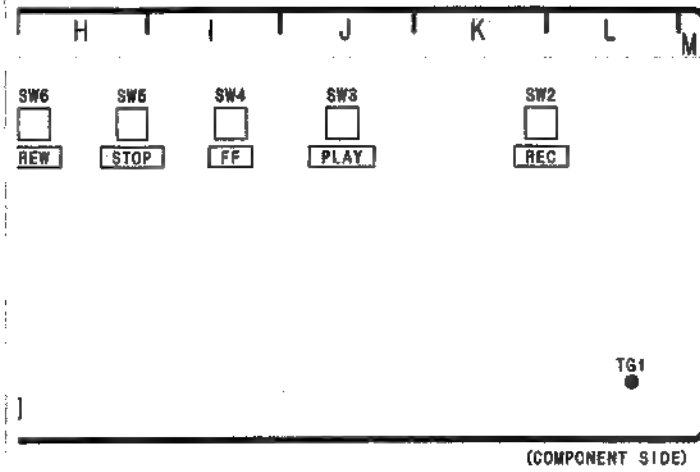


(FOIL SIDE)



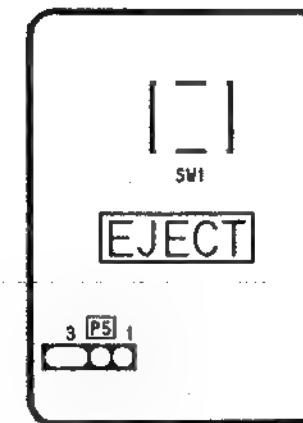
(COMPONENT SIDE)

EJECT P.C. BOARD (VEP80A09A)

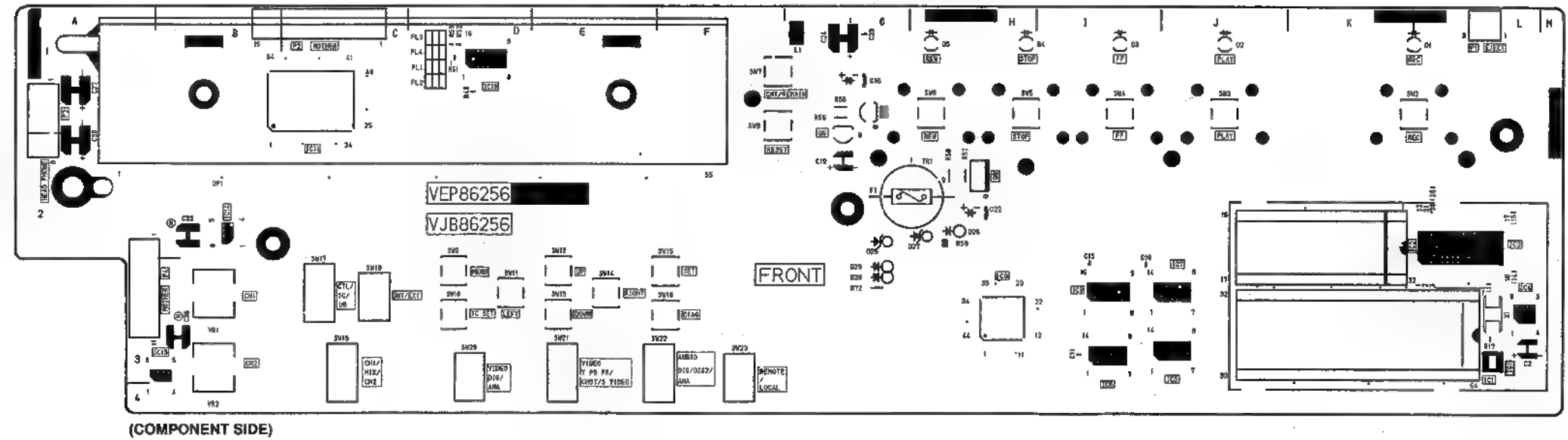
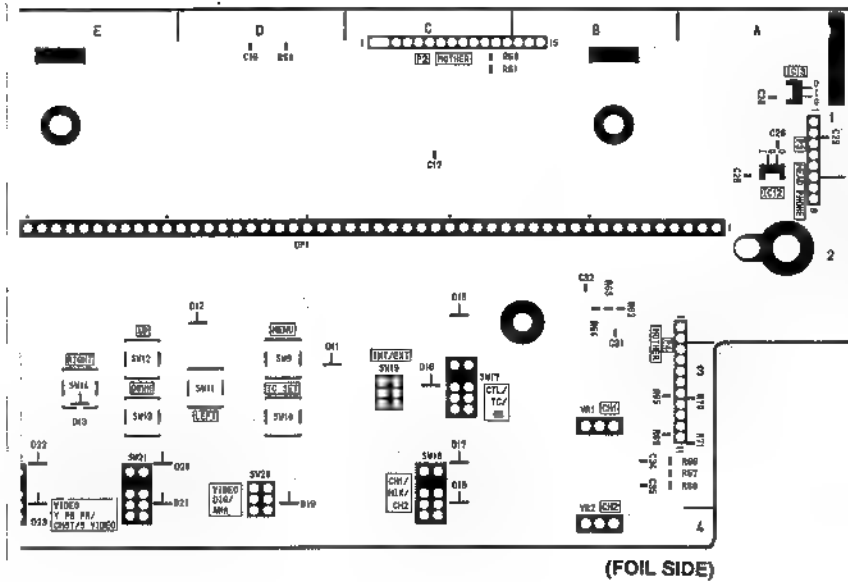


FRONT				
Transistors			Adjustments	
Q1	L-1	Ⓔ	VR1	B-3
Q2	J-1	Ⓔ	VR2	B-4
Q3	I-1	Ⓔ	Switches	
Q4	I-1	Ⓔ		
Q5	H-1	Ⓔ	SW2	K-1
Q6	G-1		SW3	J-1
Q7	G-1		SW4	I-1
Q8	H-2		SW5	H-1
Transistor-Resistors			SW6	H-1
			SW7	F-1
QR1	I-2	Ⓔ	SW8	F-1
QR2	H-3	Ⓔ	SW9	D-3
QR3	F-3	Ⓔ	SW10	D-3
Integrated Circuits			SW11	D-3
			SW12	E-3
IC1	K-3		SW13	E-3
IC2	K-2		SW14	E-3
IC2			SW15	F-3
IC3	L-2	Ⓔ	SW16	F-3
IC4	L-3	Ⓔ	SW17	C-2
IC5	J-3	Ⓔ	SW18	C-3
IC6	I-3	Ⓔ	SW19	C-3
IC7	J-3	Ⓔ	SW20	D-3
IC8	H-3	Ⓔ	SW21	E-3
IC9	I-3	Ⓔ	SW22	F-3
IC10	D-1	Ⓔ	SW23	F-3
IC11	C-1	Ⓔ	Connectors	
IC12	A-1	Ⓔ		
IC13	A-1	Ⓔ	P1	L-1
IC14	B-2	Ⓔ	P2	C-1
IC15	B-3	Ⓔ	P3	A-1
Test Point			P4	A-3
TG1	L-3	Ⓔ		

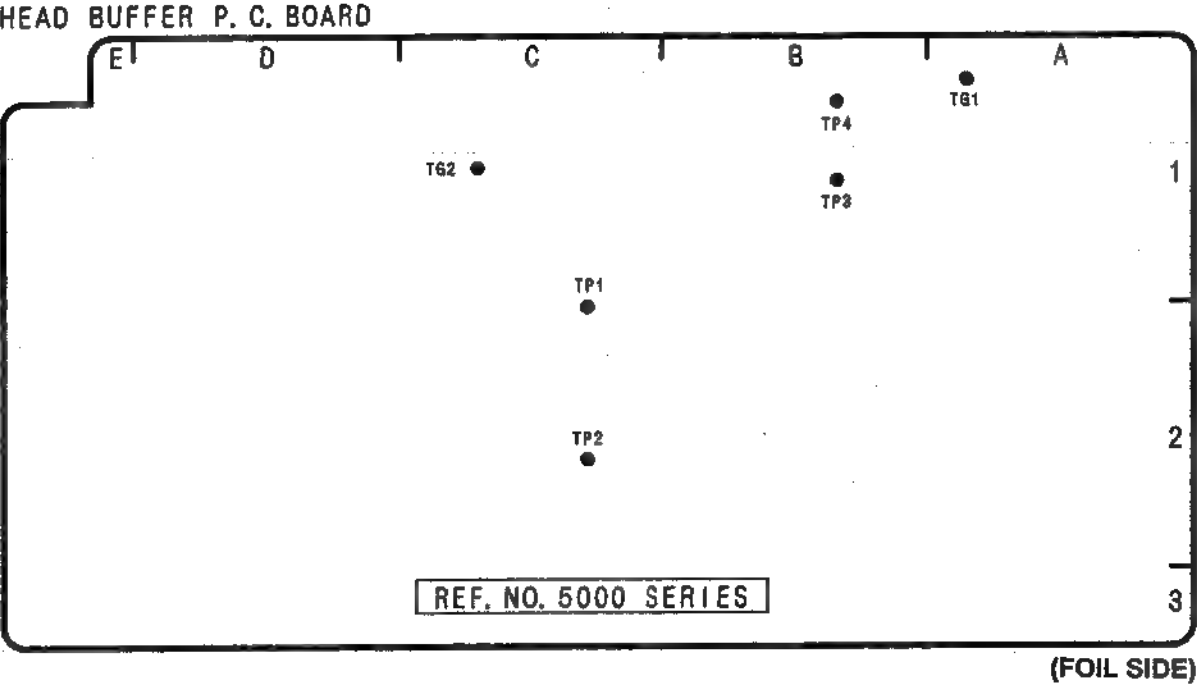
ADDRESS INFORMATION
 (C) ... COMPONENT SIDE
 (F) ... FOIL SIDE



(FOIL SIDE)



HEAD BUFFER P.C. BOARD (VEP85151A)

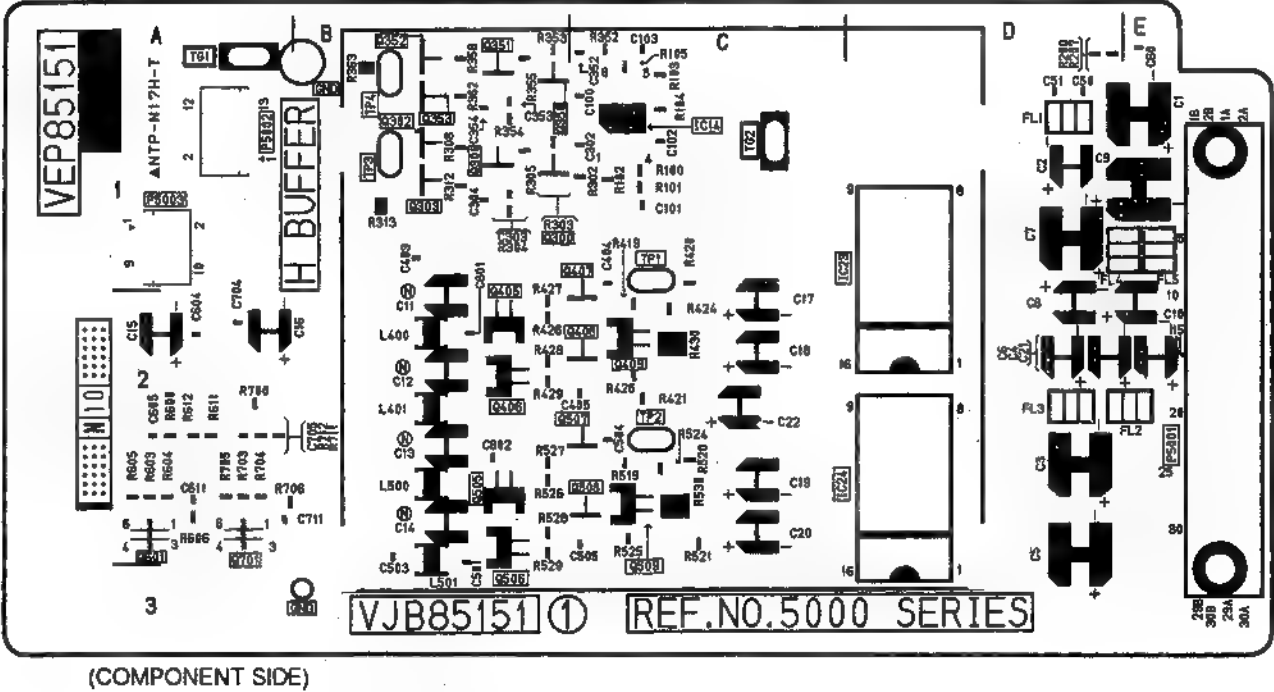
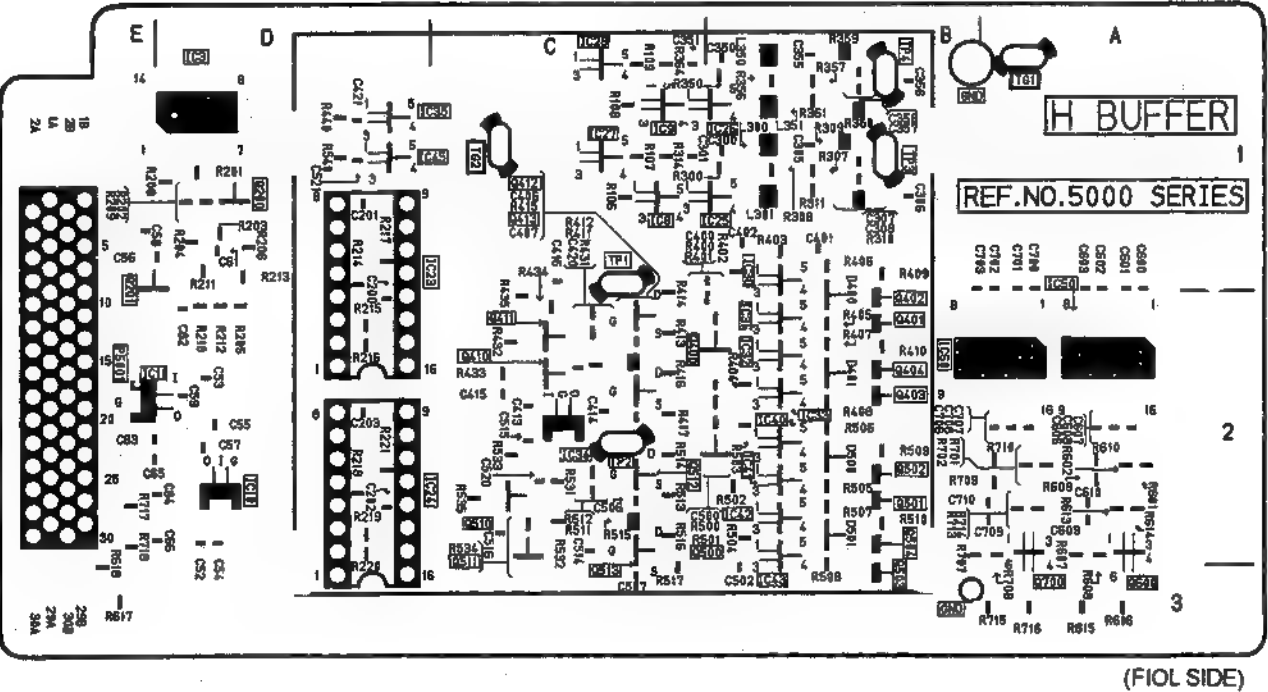


HEAD BUFFER			
Transistors		Integrated Circuits	
Q5200	D-1	IC5003	D-1
Q5201	E-1	IC5008	C-1
Q5300	B-1	IC5008	C-1
Q5301	B-1	IC5010	D-2
Q5302	B-1	IC5011	E-2
Q5303	B-1	IC5014	C-1
Q5350	B-1	IC5023	D-1
Q5351	B-1	IC5024	D-2
Q5352	B-1	IC5025	B-1
Q5353	B-1	IC5028	B-1
Q5400	C-2	IC5027	C-1
Q5401	B-2	IC5028	C-1
Q5402	B-2	IC5030	B-1
Q5403	B-2	IC5031	B-2
Q5404	B-2	IC5032	B-2
Q5405	B-2	IC5033	B-2
Q5406	B-2	IC5034	C-2
Q5407	C-1	IC5035	D-1
Q5408	C-2	IC5040	B-2
Q5409	C-2	IC5041	B-2
Q5410	C-2	IC5042	B-2
Q5411	C-2	IC5043	B-3
Q5412	C-1	IC5045	D-1
Q5413	C-1	IC5050	A-2
Q5500	C-2	IC5080	B-2
Q5501	B-2		
Q5502	B-2		
Q5503	B-3		
Q5504	B-2		
Q5505	B-2		
Q5506	B-3		
Q5507	C-2		
Q5508	C-2		
Q5509	C-2		
Q5510	C-2		
Q5511	C-2		
Q5512	C-2		
Q5513	C-3		
Q5600	A-3		
Q5601	A-2		
Q5700	A-3		
Q5701	A-2		

Test Points	
TP1	C-1
TP2	C-2
TP3	B-1
TP4	B-1
TG5001	A-1
TG5002	C-1

Connectors	
P5001	E-2
P5002	A-1
P5003	A-1

ADDRESS INFORMATION
⊙ ... COMPONENT SIDE
⊙ ... FOIL SIDE



POWER 1 P.C. BOARD (VEP81074A: AJ-D650/D640/D650P/D640P / VEP81074B: AJ-D650E/D640E)

JAPAN ONLY

警告

AC100Vの加わっている活電部(充電部、活電部)に直接触れないでください。

感電ややけどの可能性
があります。

- ① **警告** 印の部品は安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。
- ② 内は充電部です。AC 100V が加わっておりますので点検、修理のときは感電しないよう充分ご注意ください。
- ③ 部品交換時には、電源プラグをぬいてから行ってください。
- ④ 一次側(充電部)の電圧・波形は、一次側アースを基準に測定してください。
- ⑤ 部品品番は、部品価格表で確認の上交換ください。

CAUTION

THE MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

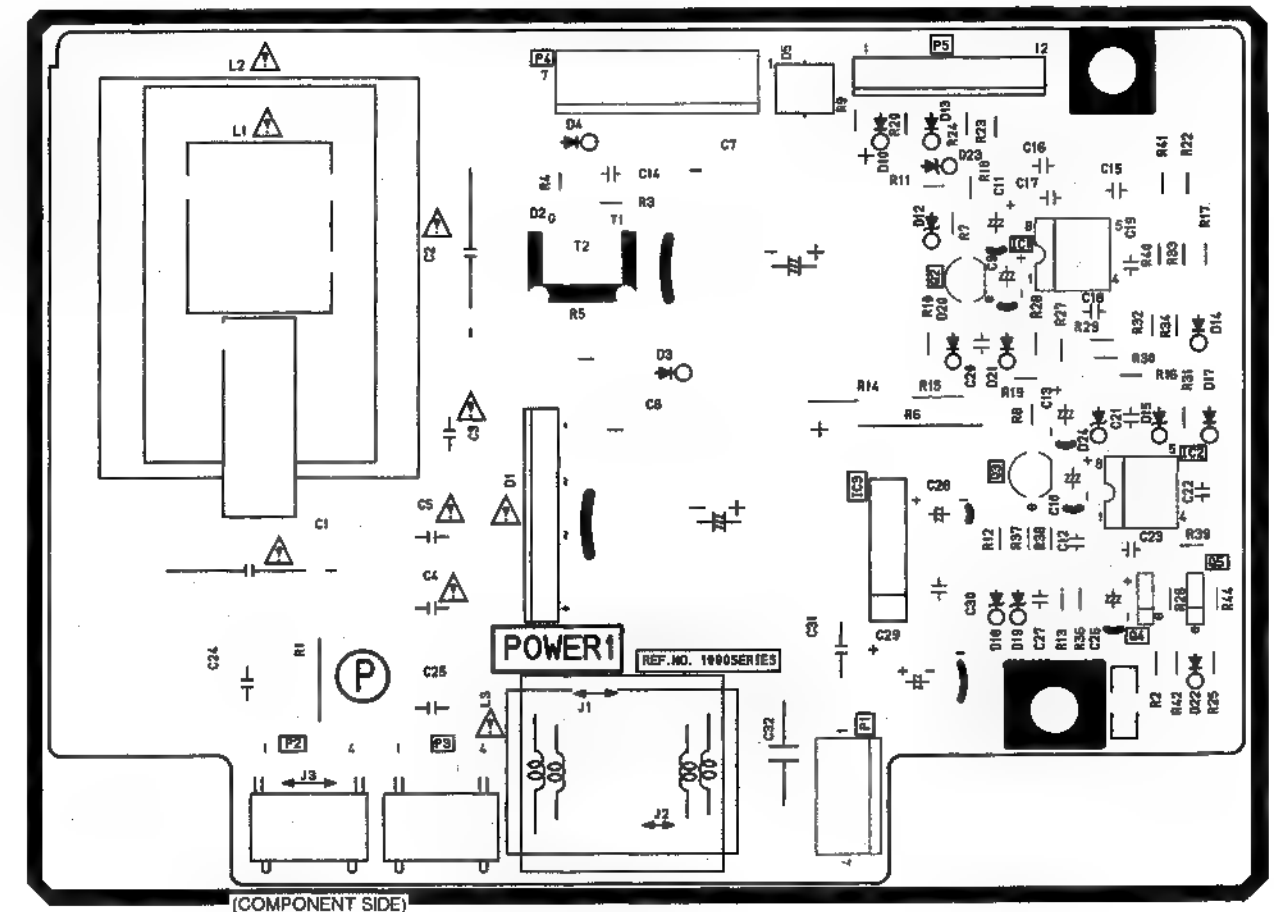
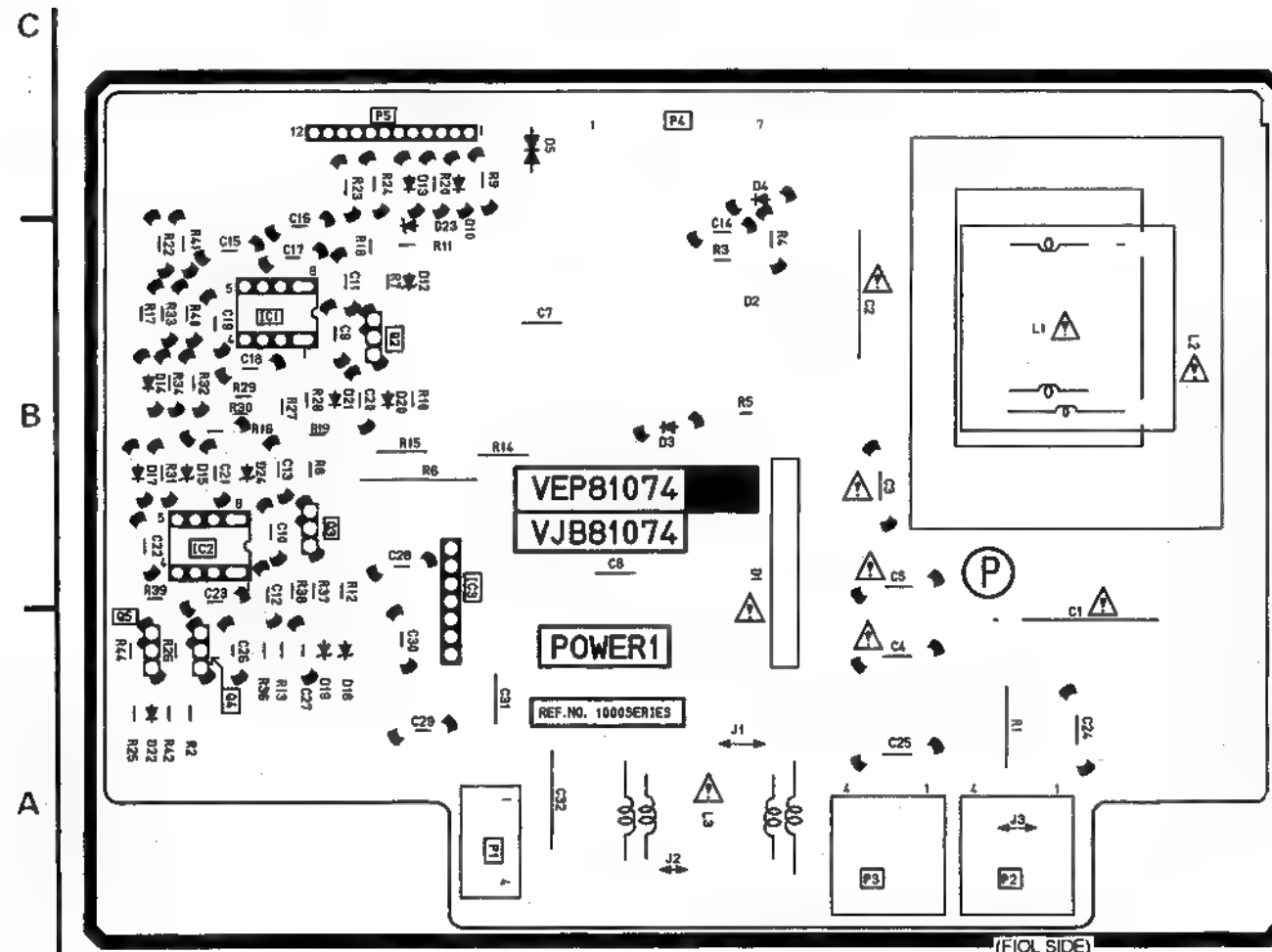
IMPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED WITH THE MARK HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.

WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

POWER 1	
Transistors	
Q2	B-6, B-1
Q3	B-7, B-1
Q4	A-7, A-1
Q5	A-7, A-1
Integrated Circuits	
IC1	B-7, B-1
IC2	B-7, B-1
IC3	B-6, B-1
Connectors	
P1	A-6, A-2
P2	A-5, A-3
P3	A-5, A-3
P4	C-5, C-2
P5	C-6, C-1

ADDRESS INFORMATION



POWER 2 P.C. BOARD (VEP81075A: AJ-D650/D640/D650P/D640P / VEP81075B: AJ-D650E/D640E)

JAPAN ONLY

警告



感電注意

AC100Vの加わっている活電部（充電部、活電部）に直接触れないでください。

感電ややけどの可能性
があります。

警告

印の部品は安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

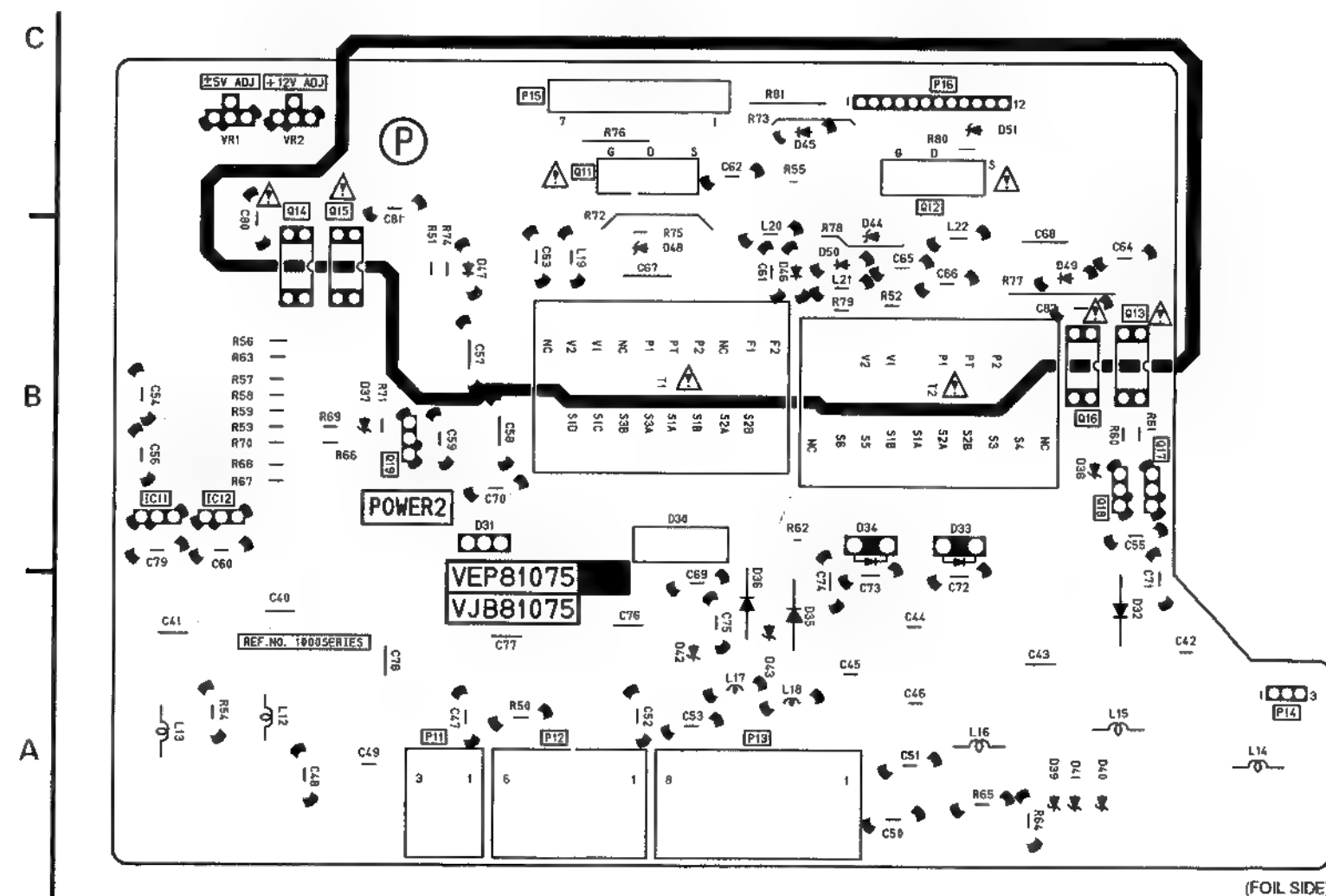
- ① 内は充電部です。AC 100V が加わっておりますので点検、修理のときは感電しないよう充分ご注意ください。
- ② 部品交換時には、電源プラグをぬいてから行ってください。
- ③ 一次側（充電部）の電圧・波形は、一次側アースを基準に測定してください。
- ④ 部品品番は、部品価格表で確認の上交換ください。

CAUTION

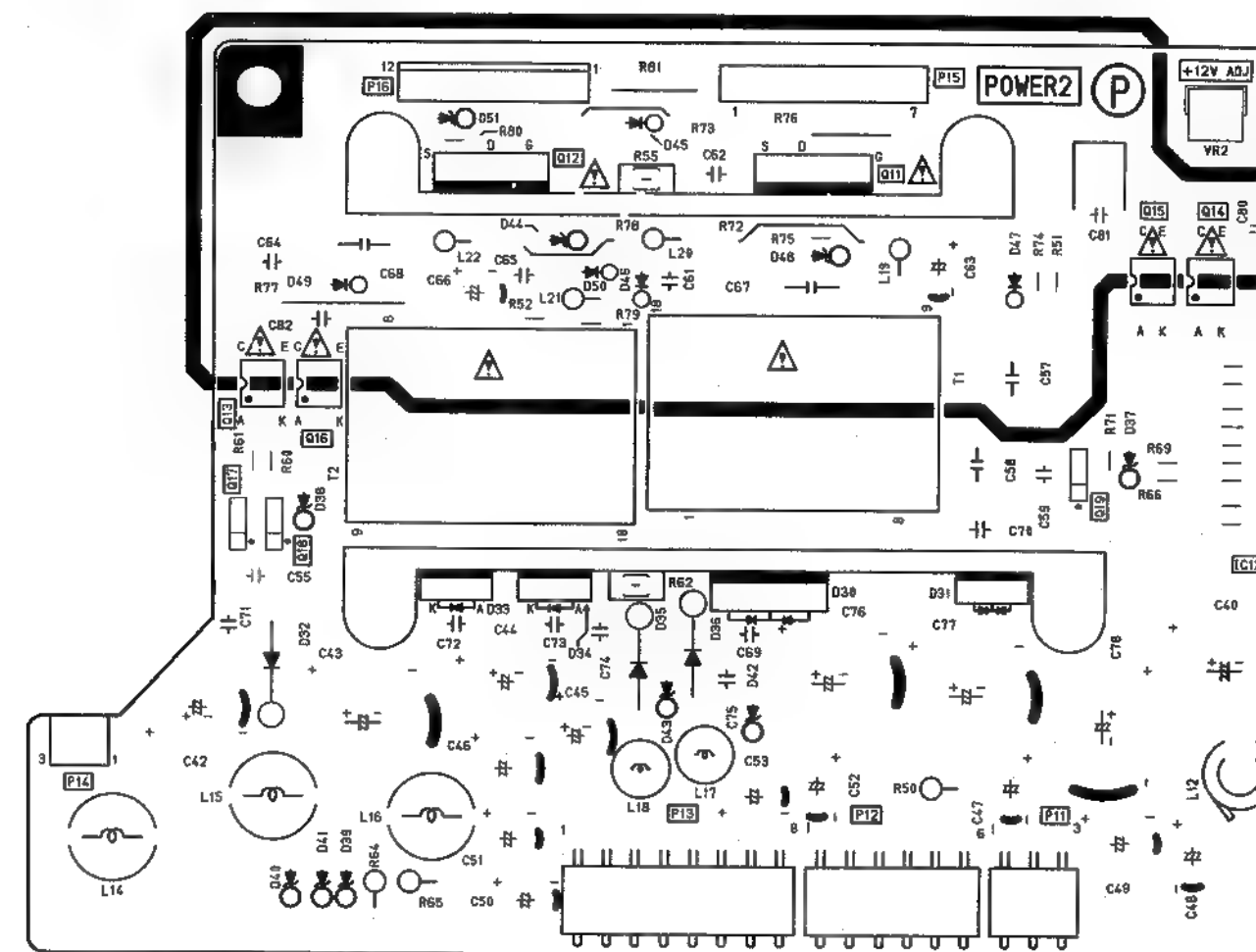
THE ——— MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED WITH THE MARK HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.



(FOIL SIDE)




(COMPONENT SIDE)


要な部品です。
よび性能維持の
用ください。

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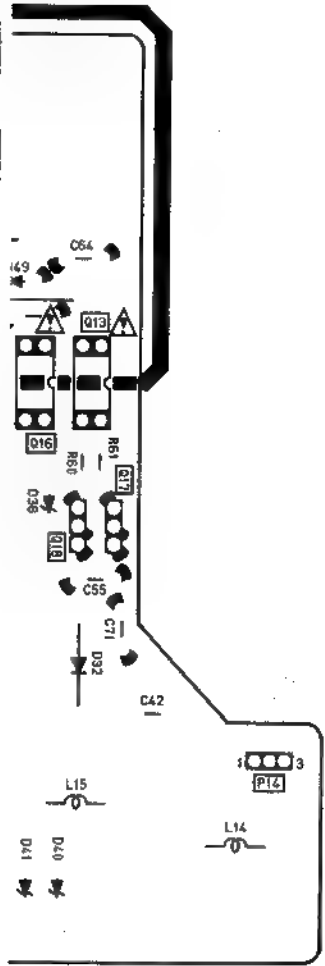
CAUTION

THE  MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

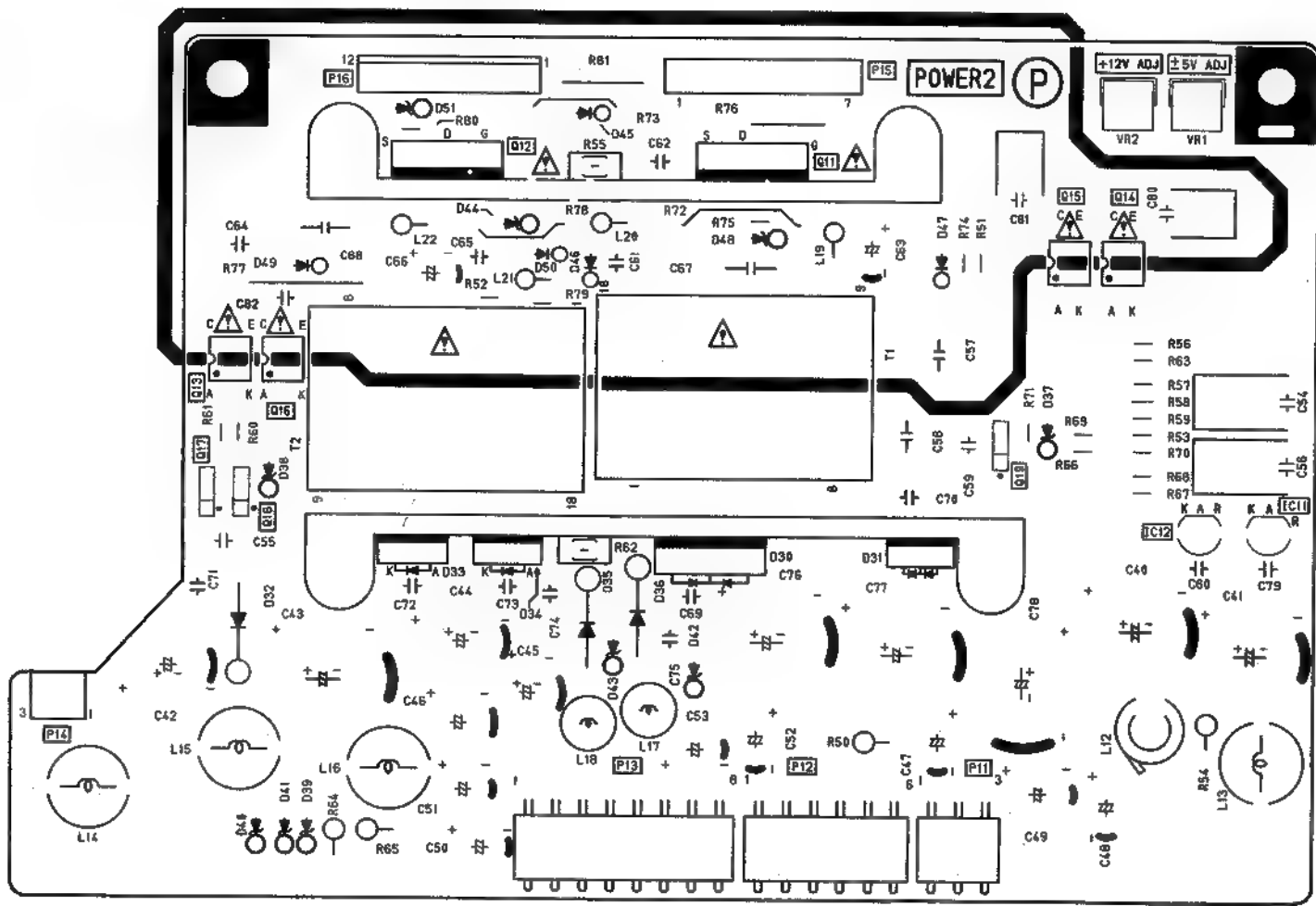
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

POWER 2	
Transistors	
Q11	C-7, C-2
Q12	C-6, C-3
Q13	B-6, B-3
Q14	C-8, B-1
Q15	C-7, B-1
Q16	B-6, B-3
Q18	B-5, B-3
Q19	B-7, B-1
Integrated Circuits	
IC11	B-8, B-1
IC12	B-8, B-1
Adjustments	
VR1	C-8, C-1
VR2	C-7, C-1
Connectors	
P11	A-7, A-2
P12	A-7, A-2
P13	A-6, A-2
P14	A-5, A-4

ADDRESS INFORMATION

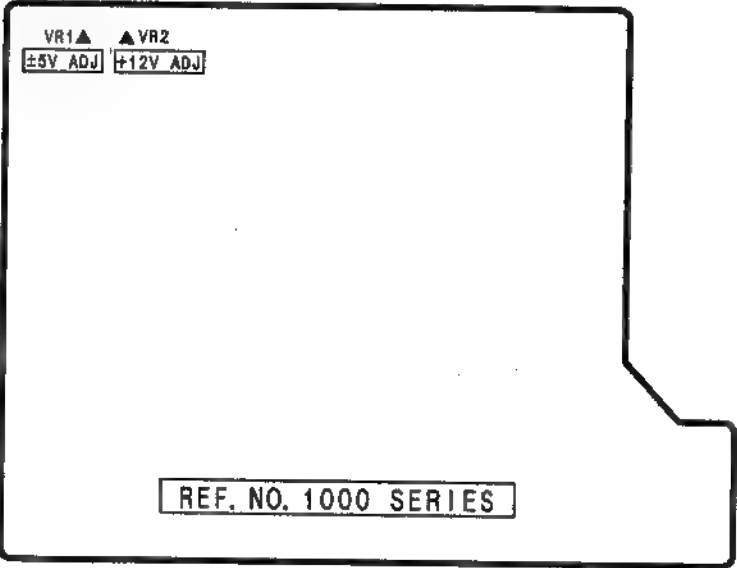


(FOIL SIDE)



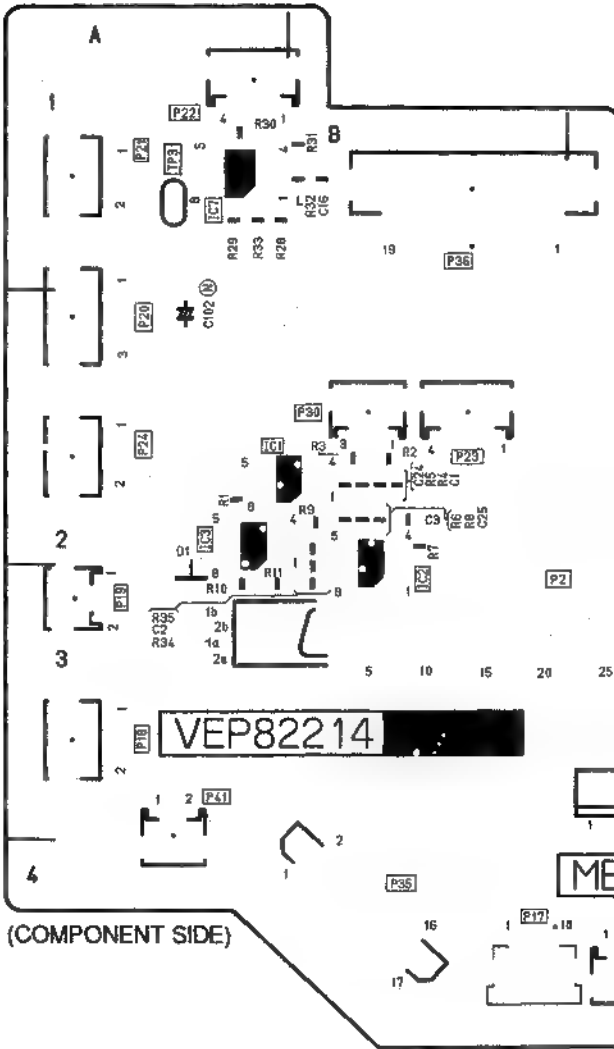
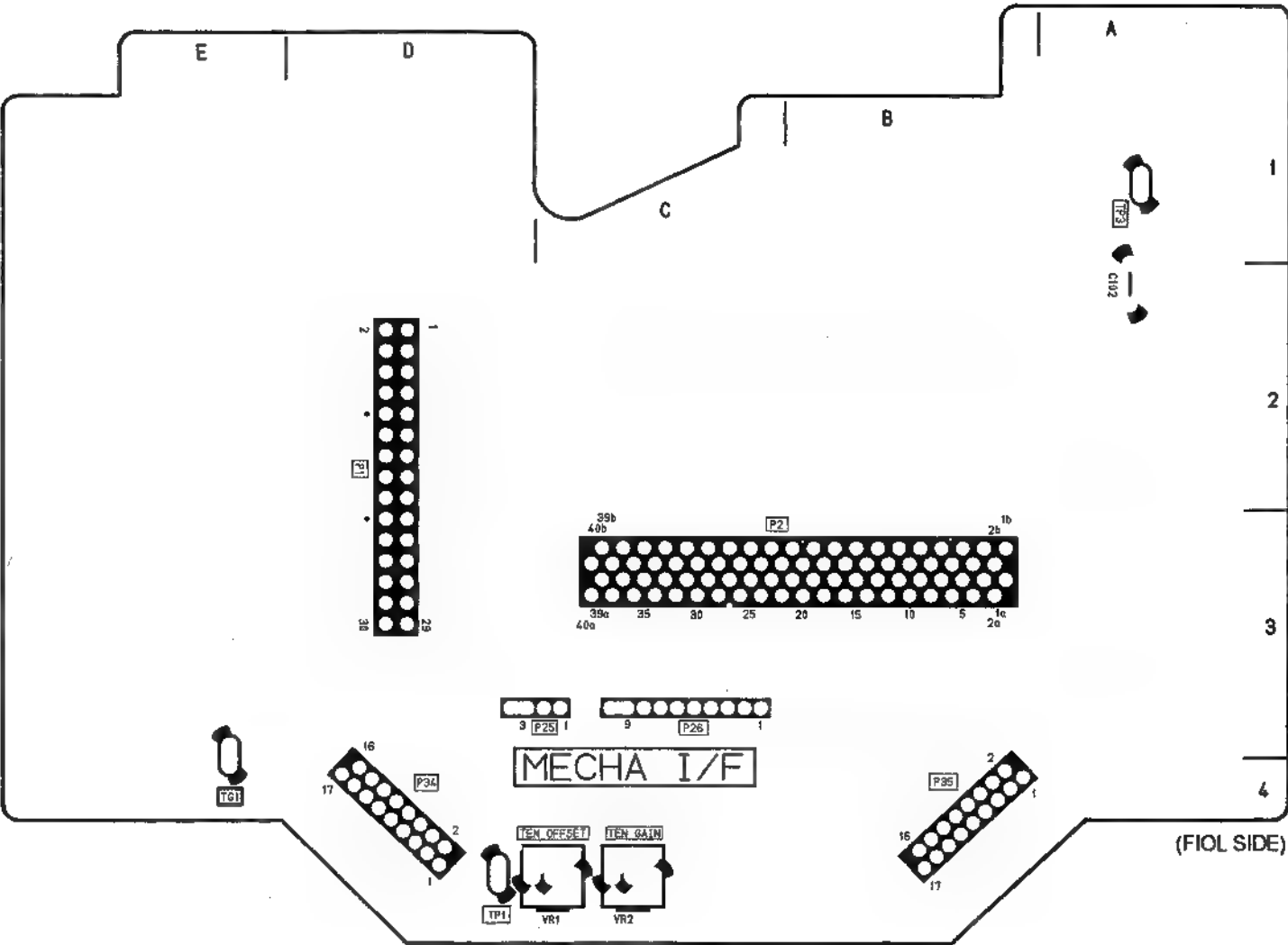
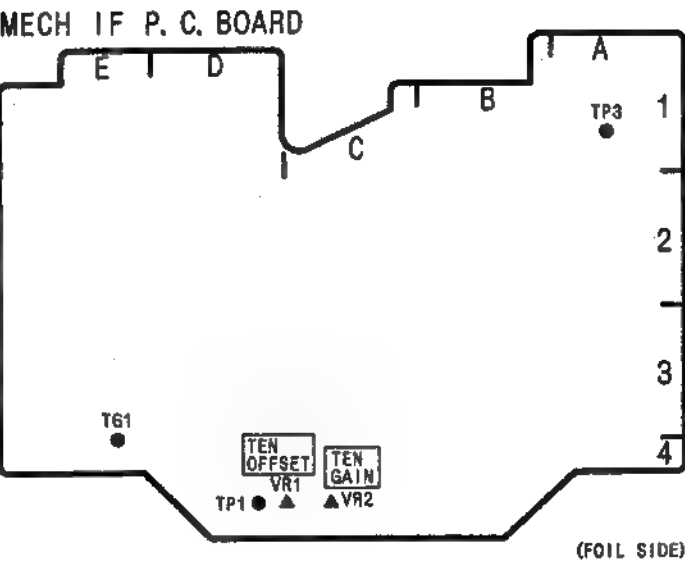
(COMPONENT SIDE)

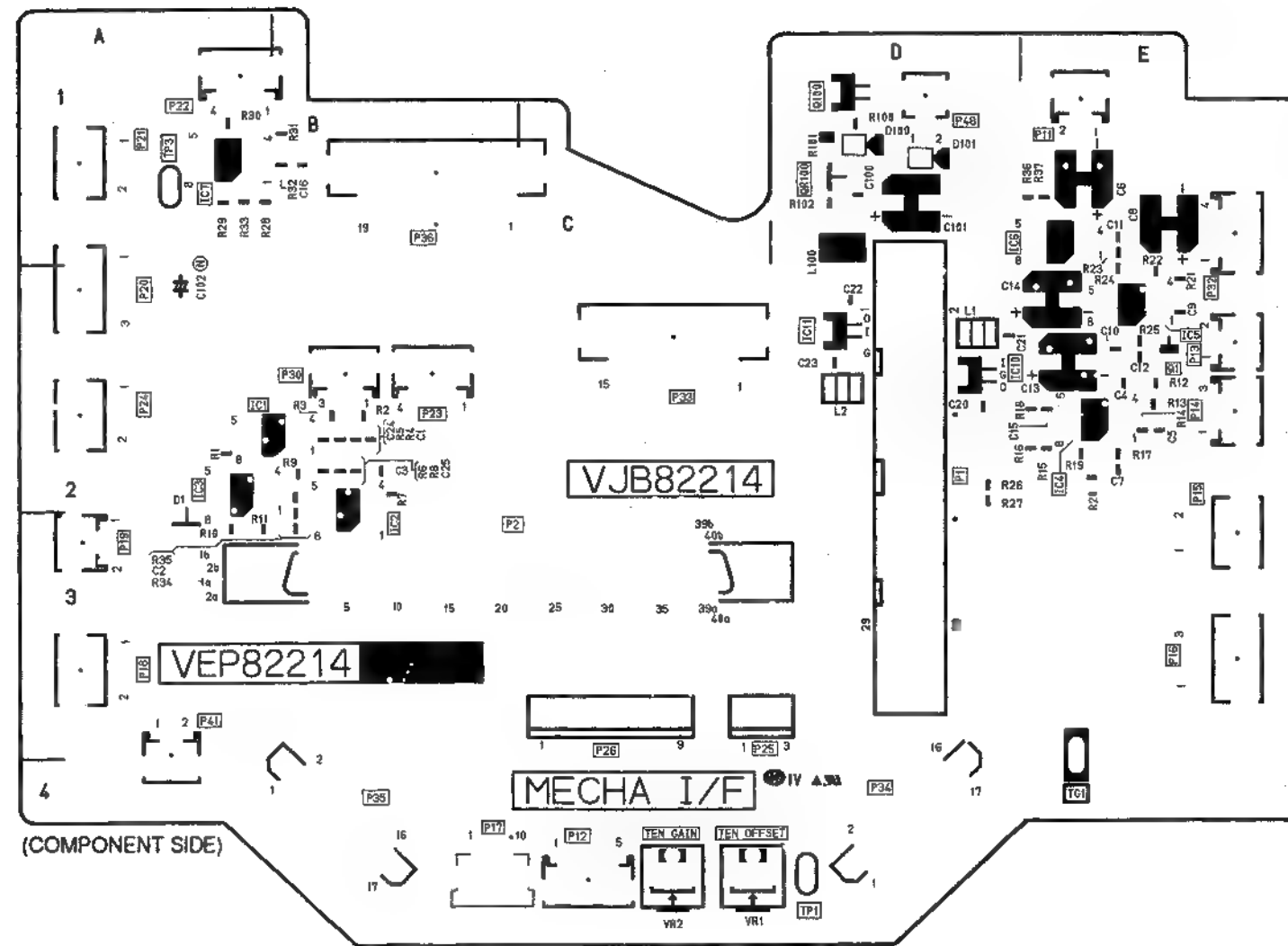
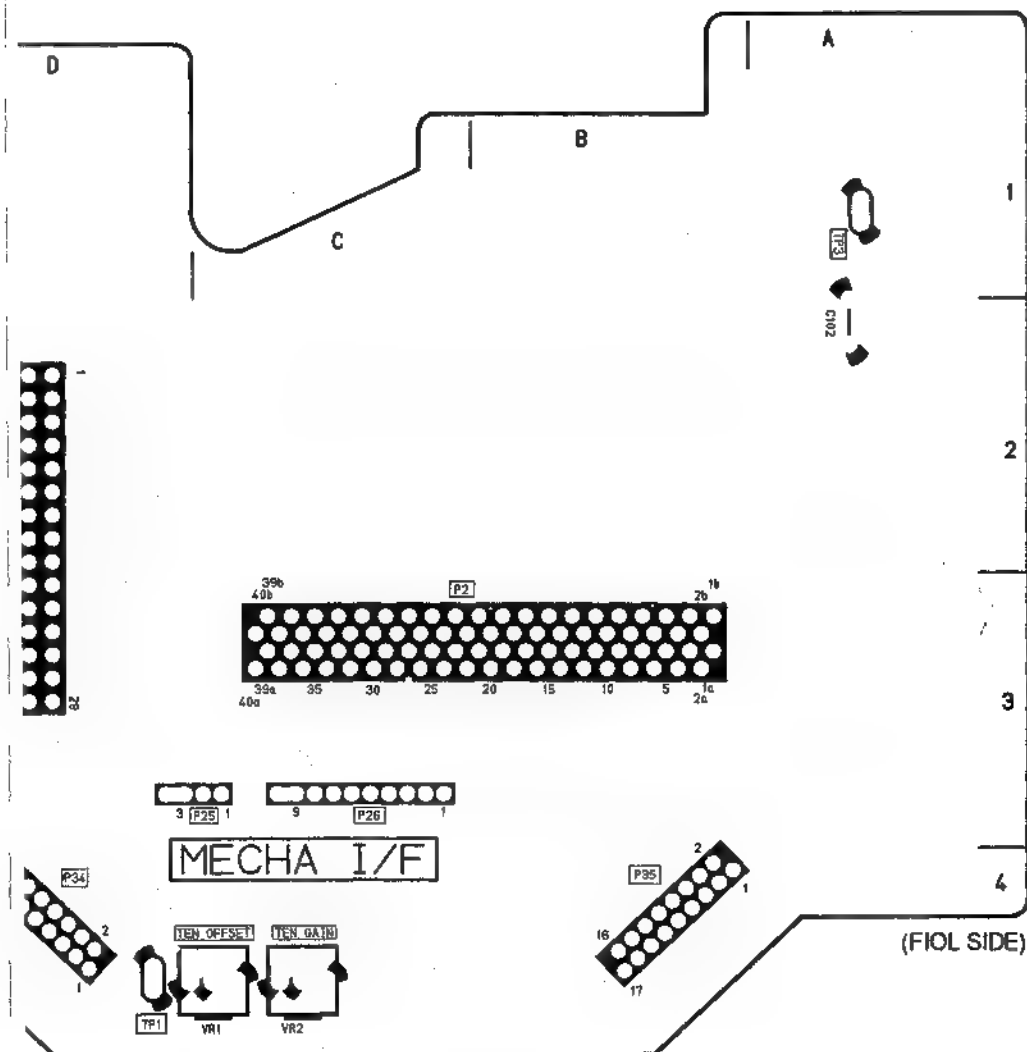
POWER 2 P. C. BOARD



(FOIL SIDE)

MECA IF P.C. BOARD (VEP82214A)

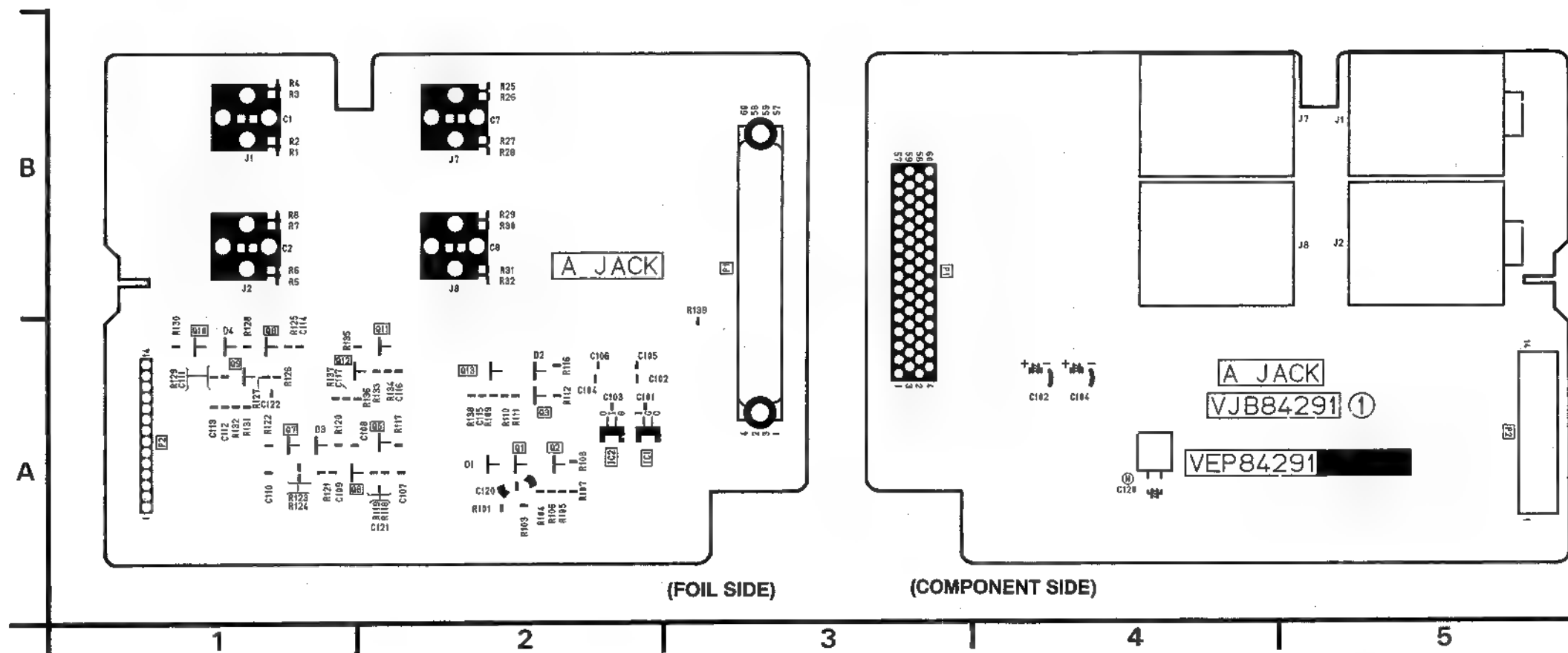




MECH VF		
Transistors		
Q1	E-2	Ⓢ
Q100	D-1	Ⓢ
Transistor-Resistor		
QR100	D-1	Ⓢ
Integrated Circuits		
IC1	A-2	Ⓢ
IC2	B-2	Ⓢ
IC3	A-2	Ⓢ
IC4	E-2	Ⓢ
IC5	E-2	Ⓢ
IC6	D-1	Ⓢ
IC10	D-2	Ⓢ
IC11	D-2	Ⓢ
Test Points		
TP1	D-4	Ⓢ
TP3	A-1	Ⓢ
TG1	E-4	Ⓢ
Adjustments		
VR1	C-4	Ⓢ
VR2	C-4	Ⓢ
Connectors		
P1	D-2	Ⓢ
P2	C-3	Ⓢ
P11	E-1	Ⓢ
P12	C-4	Ⓢ
P13	E-2	Ⓢ
P14	E-2	Ⓢ
P15	E-2	Ⓢ
P16	E-3	Ⓢ
P17	B-4	Ⓢ
P18	A-3	Ⓢ
P19	A-3	Ⓢ
P20	A-2	Ⓢ
P21	A-1	Ⓢ
P22	A-1	Ⓢ
P23	B-2	Ⓢ
P24	A-2	Ⓢ
P25	C-3	Ⓢ
P26	C-3	Ⓢ
P30	B-2	Ⓢ
P32	E-1	Ⓢ
P33	C-2	Ⓢ
P34	D-4	Ⓢ
P35	B-4	Ⓢ
P36	B-1	Ⓢ
P41	A-3	Ⓢ
P48	D-1	Ⓢ

ADDRESS INFORMATION
 Ⓢ ... COMPONENT SIDE
 Ⓢ ... FOIL SIDE

A JACK P.C. BOARD (VEP84291A: AJ-D650P/D640P/D650E/D640E / VEP84291B: AJ-D650/D640)



A JACK		
Transistors		
Q1	A-2	Ⓢ
Q2	A-2	Ⓢ
Q3	A-2	Ⓢ
Q5	A-2	Ⓢ
Q6	A-1	Ⓢ
Q7	A-1	Ⓢ
Q8	A-1	Ⓢ
Q9	A-1	Ⓢ
Q10	A-1	Ⓢ
Q11	A-2	Ⓢ
Q12	A-2	Ⓢ
Q13	A-2	Ⓢ
Integrated Circuits		
IC1	A-2	Ⓢ
IC2	A-2	Ⓢ
Connectors		
P1	B-3	Ⓢ
P2	A-1/A-5	Ⓢ

ADDRESS INFORMATION
 Ⓢ ... COMPONENT SIDE
 Ⓢ ... FOIL SIDE

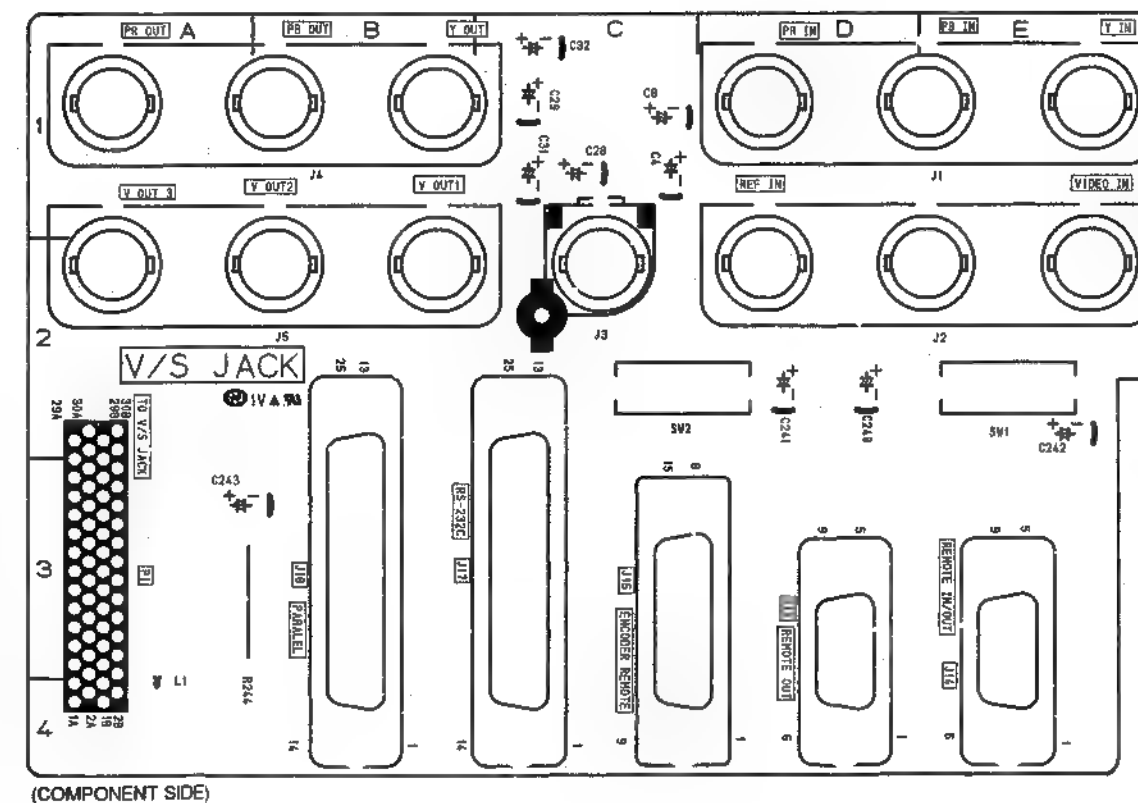
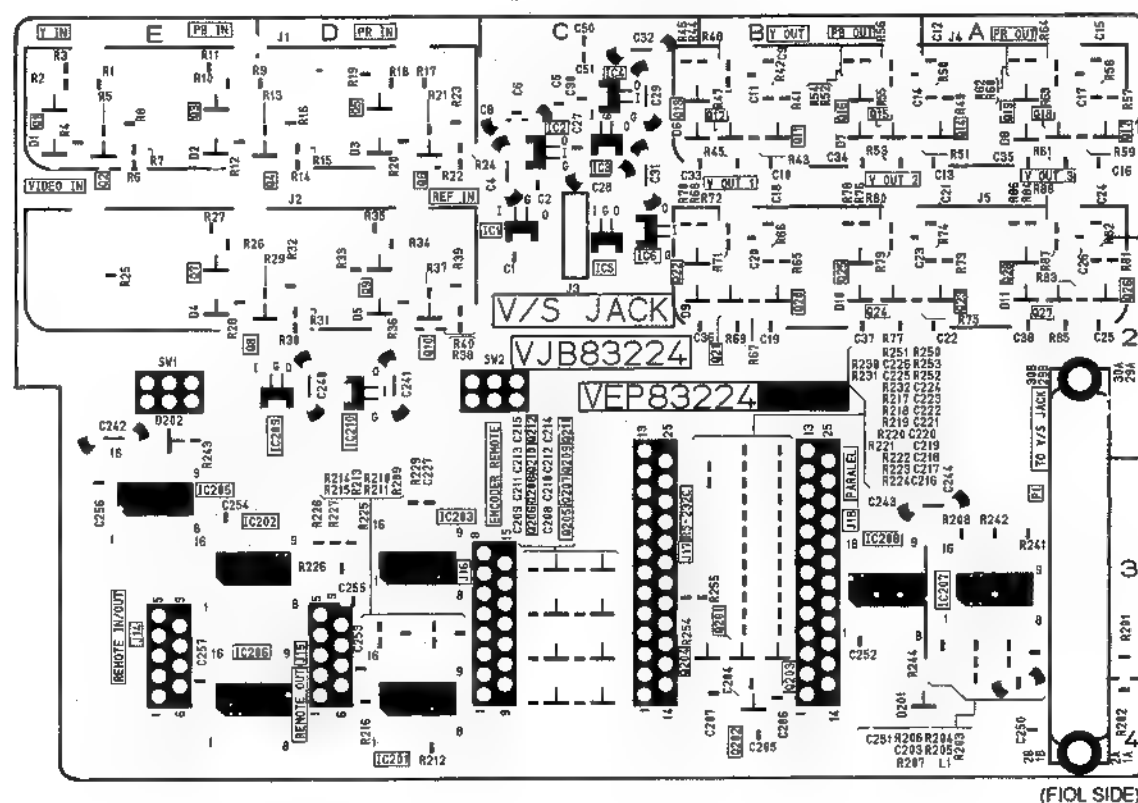
V/S JACK		
Transistors		
Q1	E-1	Ⓢ
Q2	E-1	Ⓢ
Q3	E-1	Ⓢ
Q4	D-1	Ⓢ
Q5	D-1	Ⓢ
Q6	D-1	Ⓢ
Q7	E-2	Ⓢ
Q8	E-2	Ⓢ
Q9	D-2	Ⓢ
Q10	D-2	Ⓢ
Q11	B-1	Ⓢ
Q12	B-1	Ⓢ
Q13	C-1	Ⓢ
Q14	A-1	Ⓢ
Q15	B-1	Ⓢ
Q16	B-1	Ⓢ
Q17	A-1	Ⓢ
Q18	A-1	Ⓢ
Q19	A-1	Ⓢ
Q20	B-2	Ⓢ
Q21	B-2	Ⓢ
Q22	C-2	Ⓢ
Q23	A-2	Ⓢ
Q24	B-2	Ⓢ
Q25	B-2	Ⓢ
Q26	A-2	Ⓢ
Q27	A-2	Ⓢ
Q28	A-2	Ⓢ
Q201	B-3	Ⓢ
Q202	B-4	Ⓢ
Q203	B-3	Ⓢ
Q204	C-3	Ⓢ
Q205	C-3	Ⓢ
Q206	C-3	Ⓢ
Q207	C-3	Ⓢ
Q208	C-3	Ⓢ
Q209	C-3	Ⓢ
Q210	C-3	Ⓢ
Q211	C-2	Ⓢ
Q212	C-2	Ⓢ

Integrated Circuits		
IC1	C-1	Ⓢ
IC2	C-1	Ⓢ
IC3	C-1	Ⓢ
IC4	C-1	Ⓢ
IC5	C-2	Ⓢ
IC6	C-2	Ⓢ
IC201	D-4	Ⓢ
IC202	E-3	Ⓢ
IC203	D-3	Ⓢ
IC205	E-3	Ⓢ
IC206	E-3	Ⓢ
IC207	A-3	Ⓢ
IC208	B-3	Ⓢ
IC209	D-2	Ⓢ
IC210	D-2	Ⓢ

Switches		
SW1	E-2	Ⓢ
SW2	C-2	Ⓢ
Connector		
P1	A-3	Ⓢ

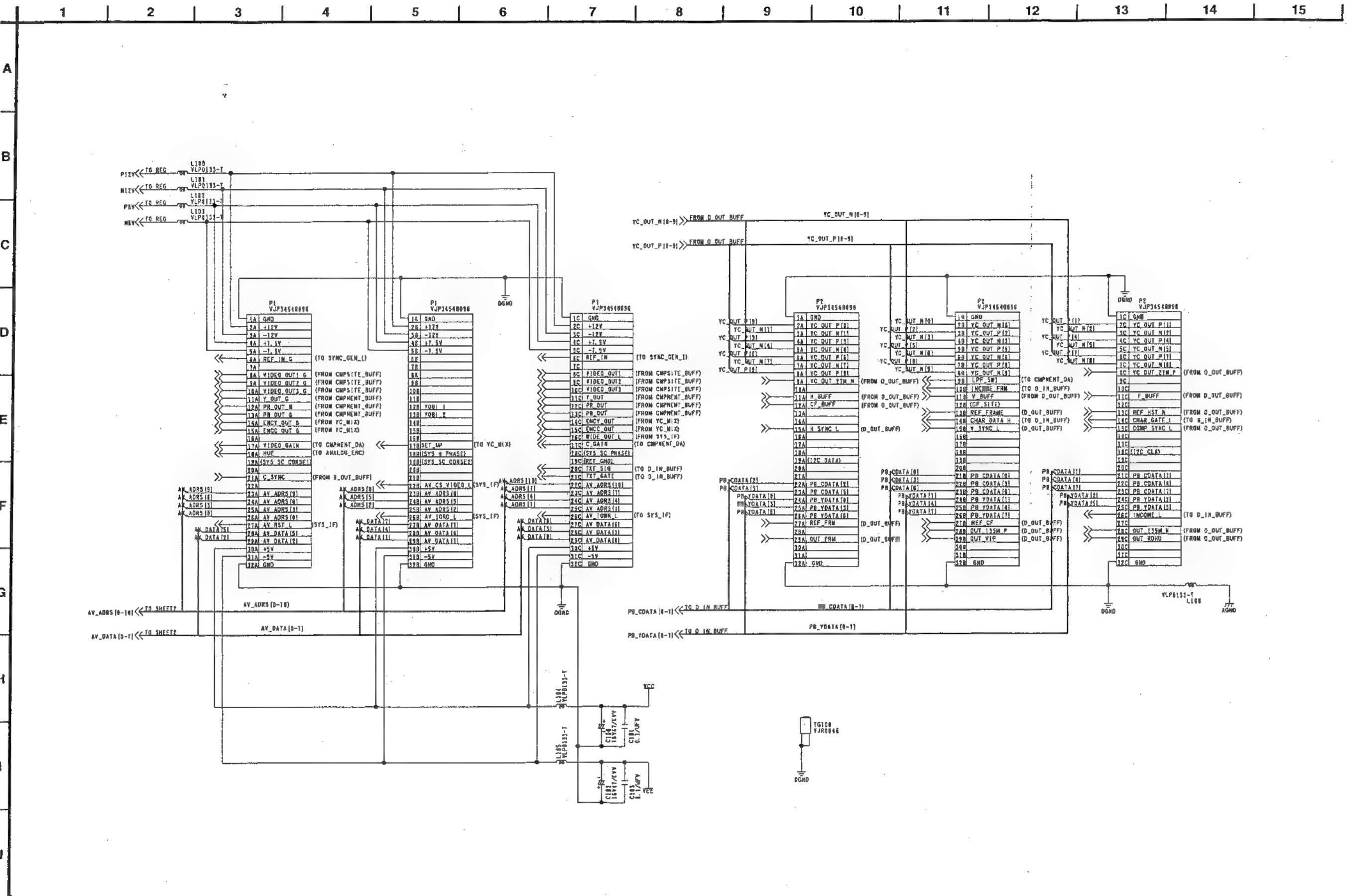
ADDRESS INFORMATION
 Ⓢ ... COMPONENT SIDE
 Ⓢ ... FOIL SIDE

V/S JACK P.C. BOARD (VEP83224B)

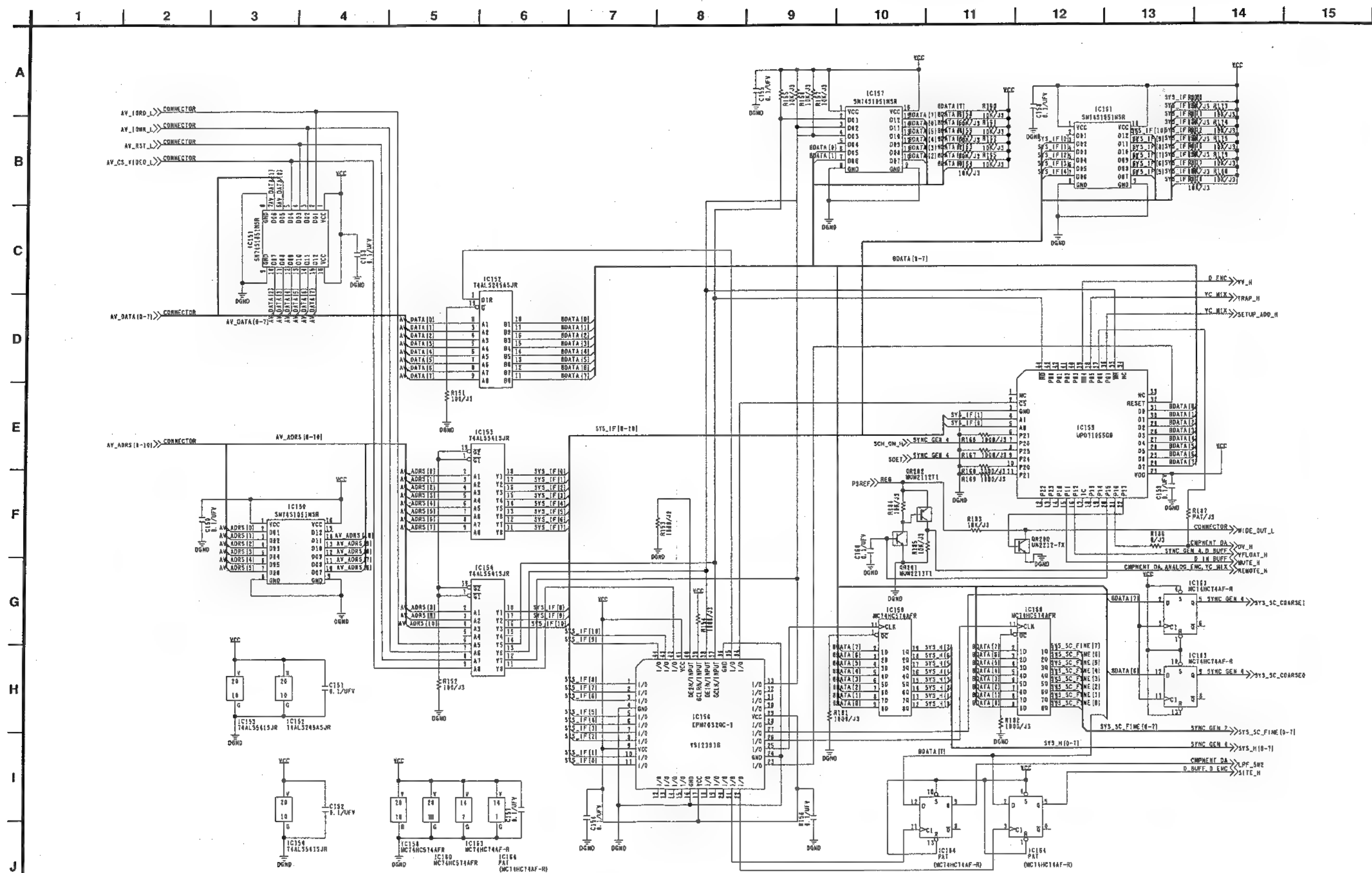


ADDRESS INFORMATION

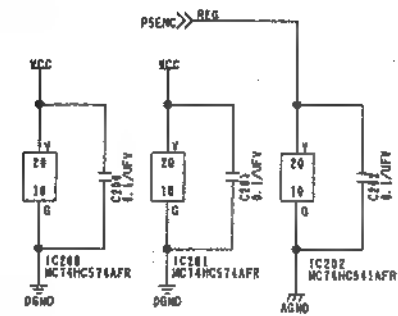
V OUT CONNECTR (F4 1/16) SCHEMATIC DIAGRAM



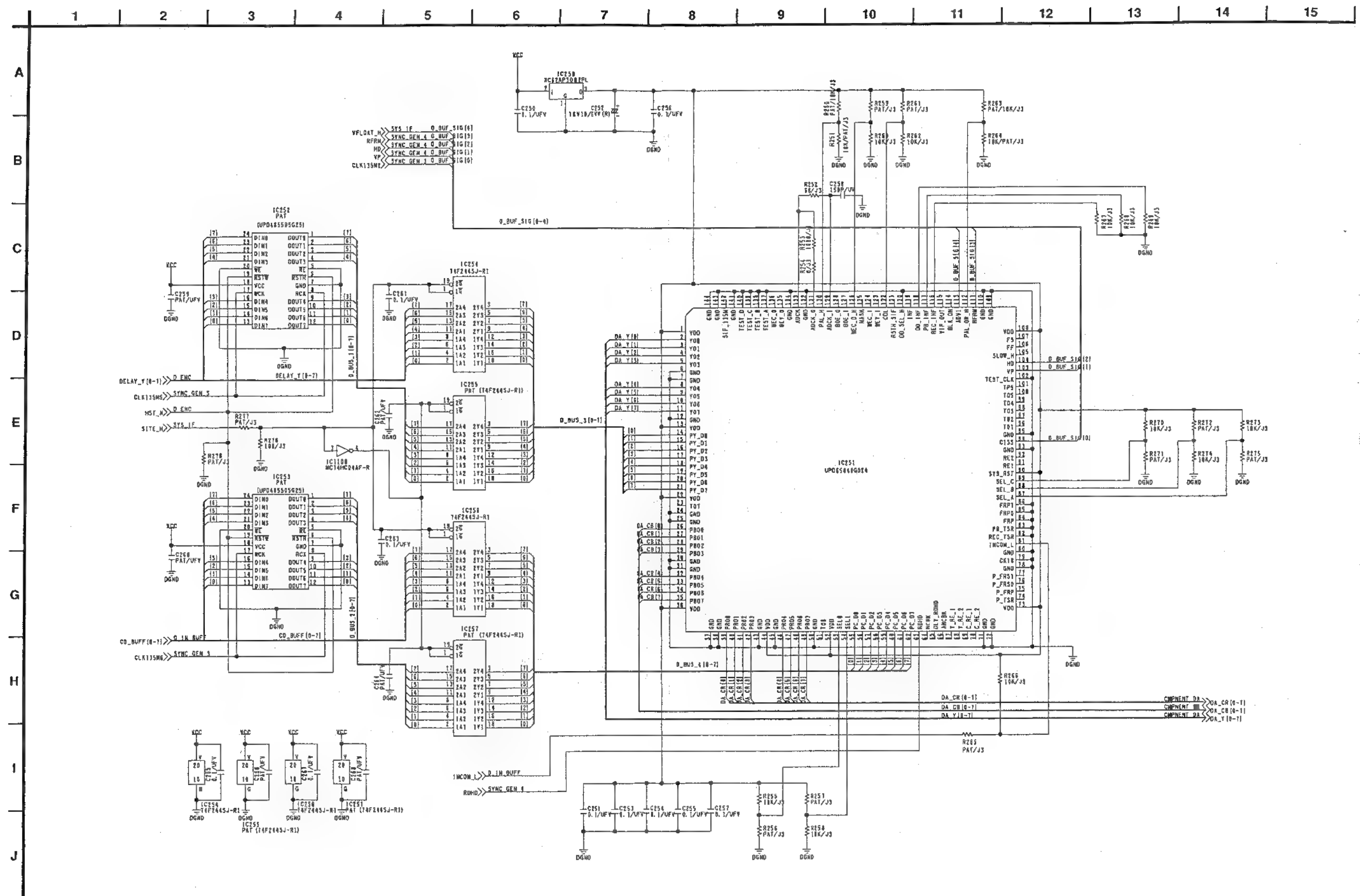
V OUT SYS IF (F4 2/16) SCHEMATIC DIAGRAM



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----



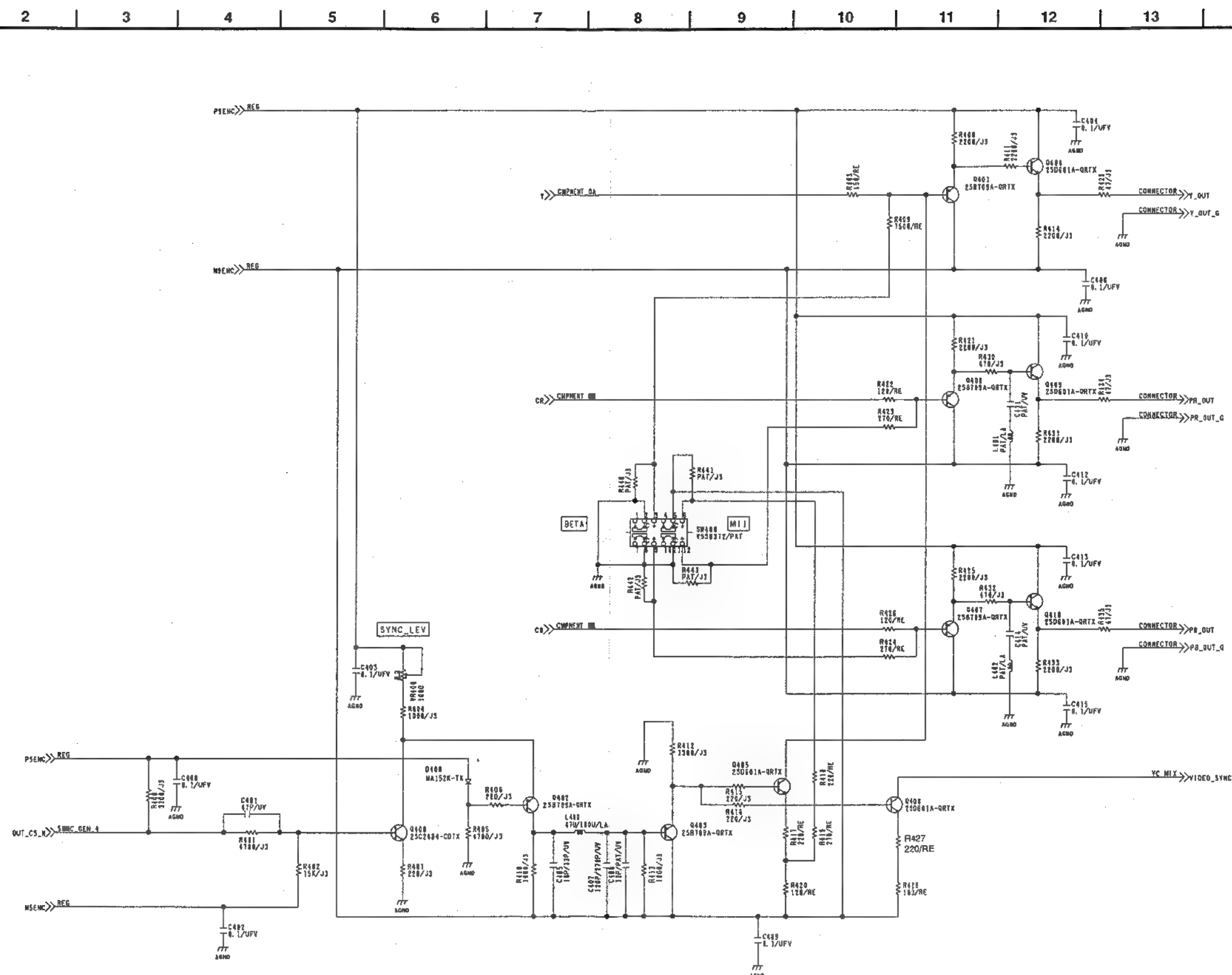
V OUT D BUFF (F4 4/16) SCHEMATIC DIAGRAM



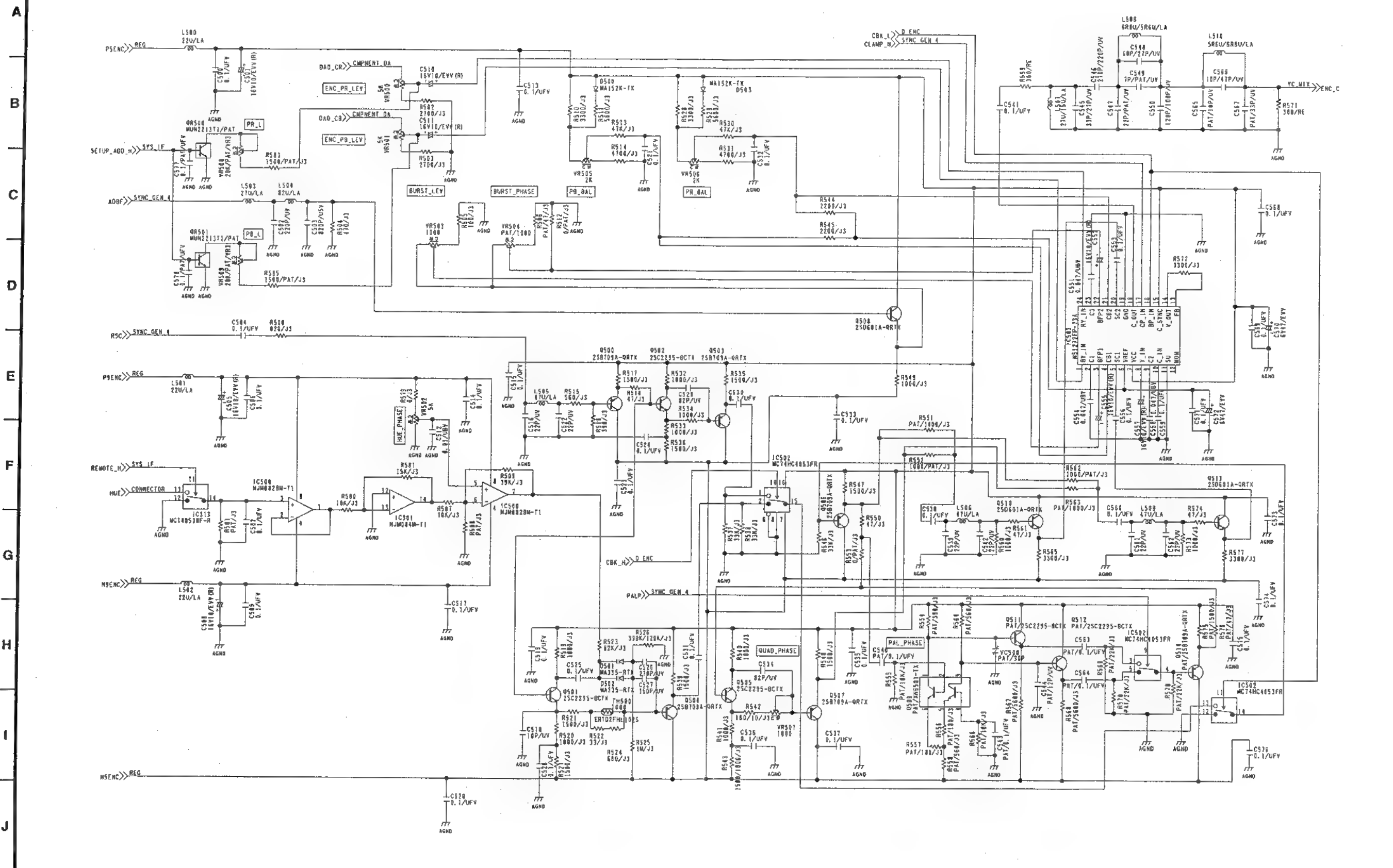
A horizontal number line with tick marks labeled 1 through 15.



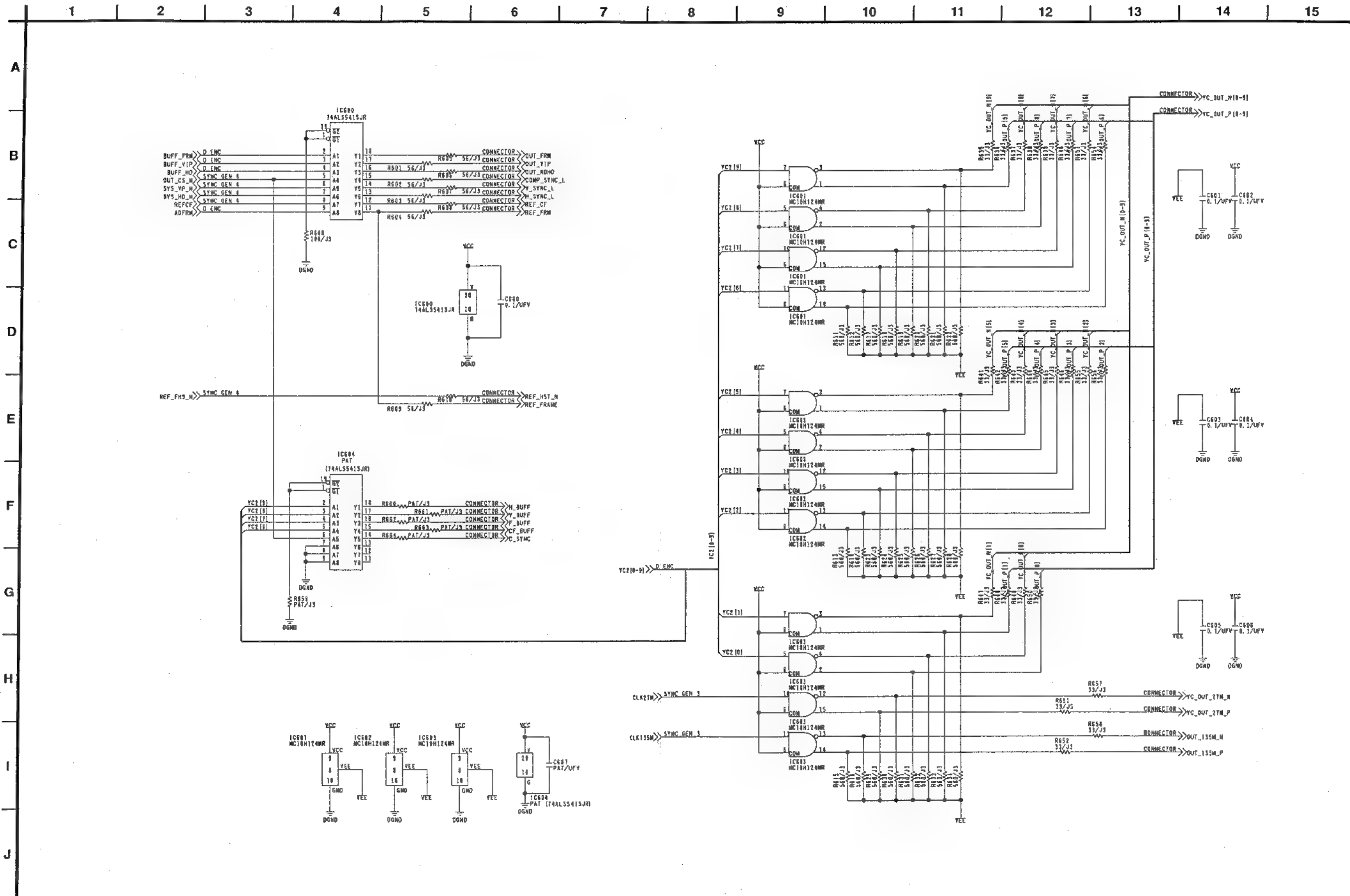
V OUT CMPNENT BUFF (F4 6/16) SCHEMATIC DIAGRAM



A horizontal number line with 15 equal segments, labeled 1 through 15 from left to right.



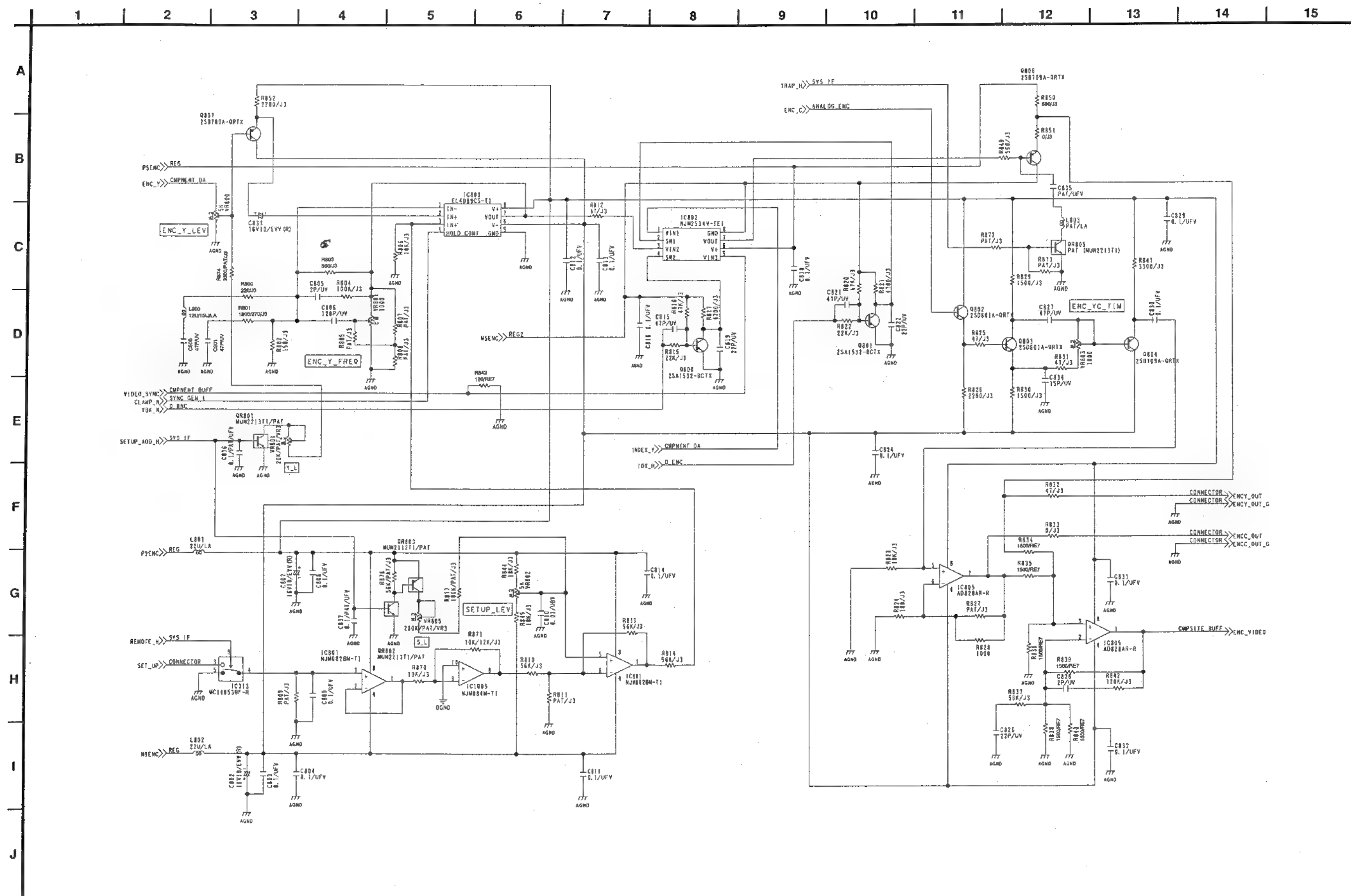
V OUT D OUT BUFF (F4 8/16) SCHEMATIC DIAGRAM



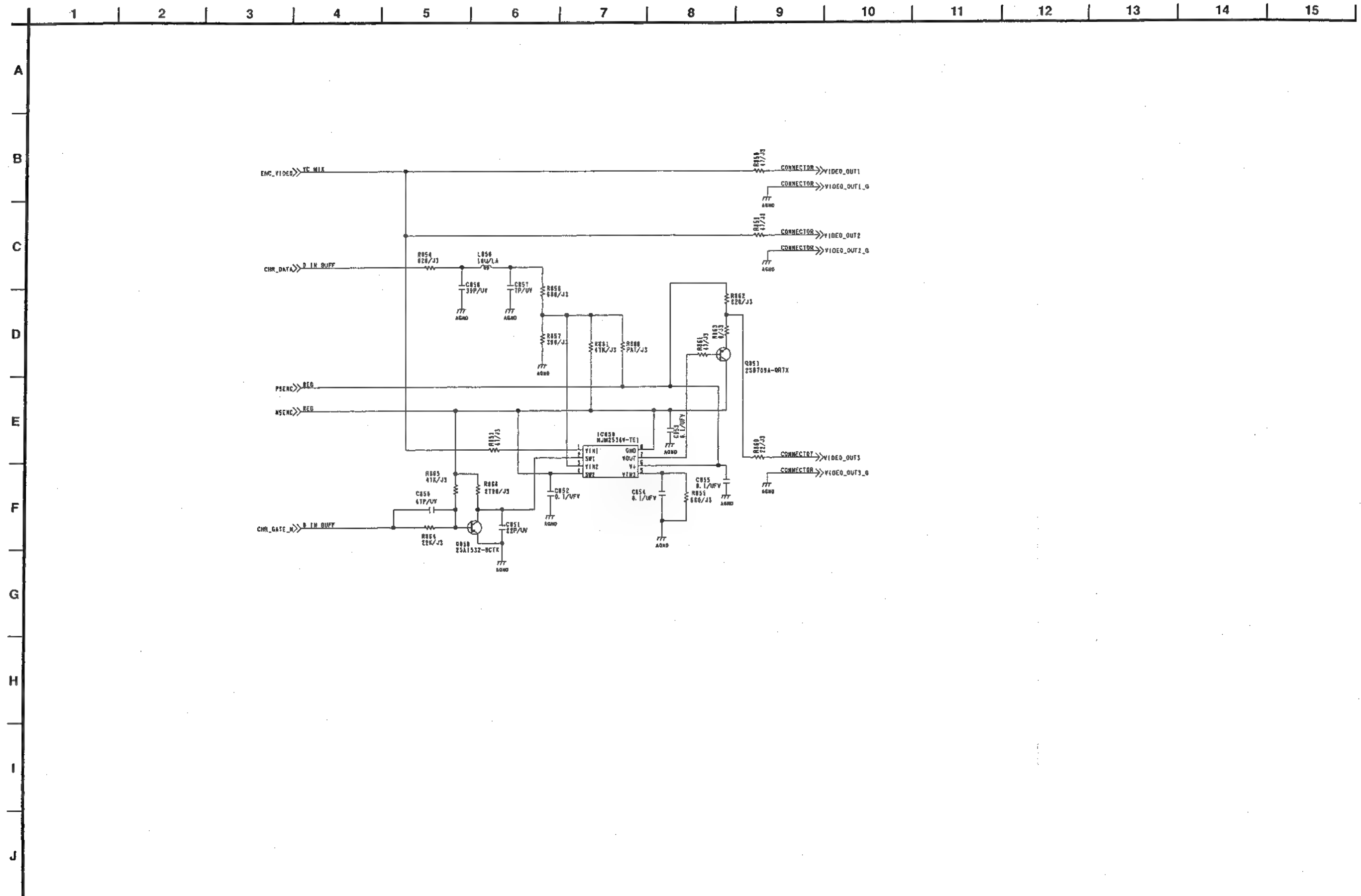
A horizontal number line with 15 segments, numbered 1 to 15 from left to right. The line is divided into 15 equal segments by vertical tick marks. The segments are labeled with the numbers 1 through 15, starting from the left and ending on the right.



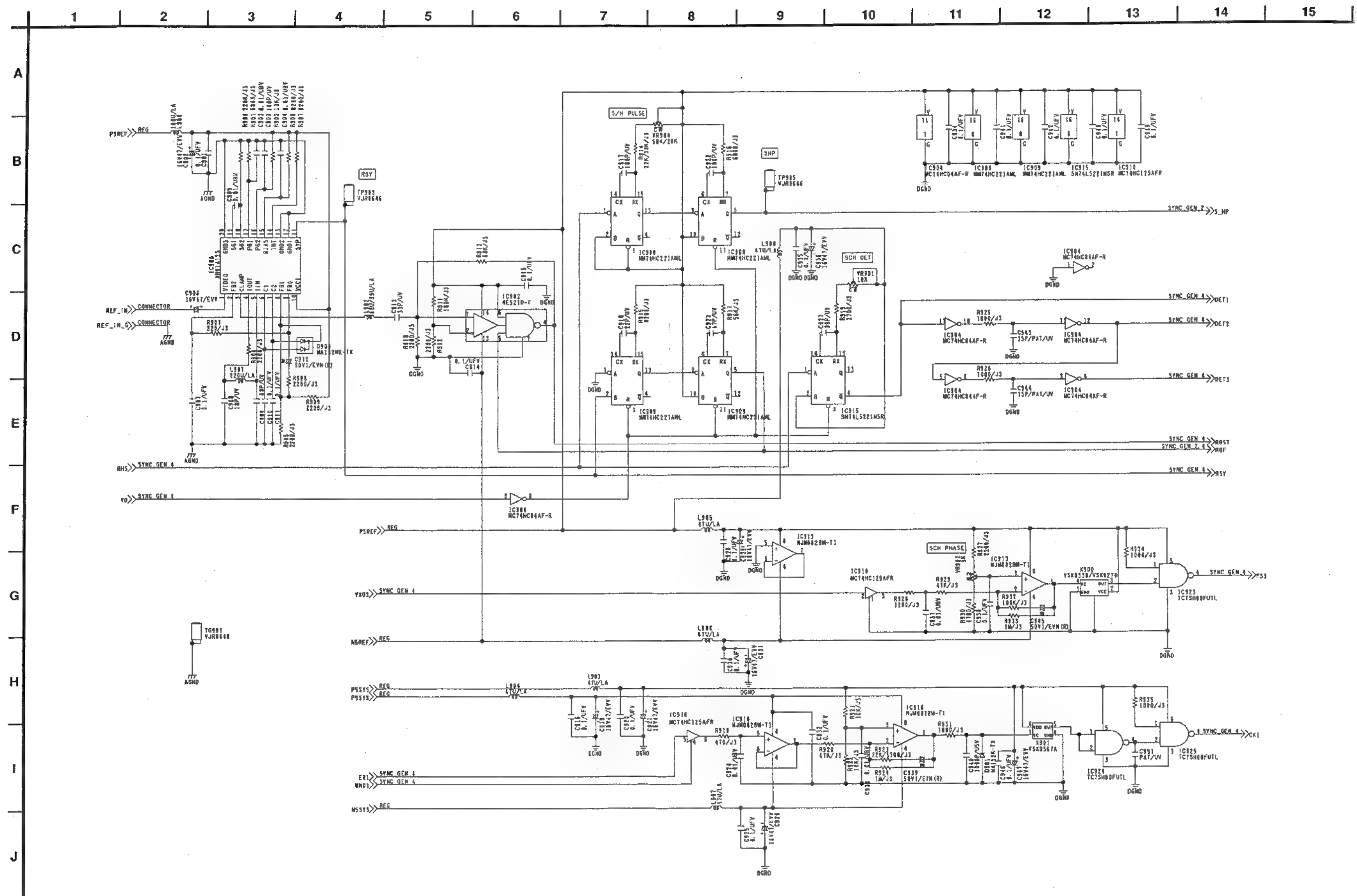
V OUT YC MIX (F4 10/16) SCHEMATIC DIAGRAM



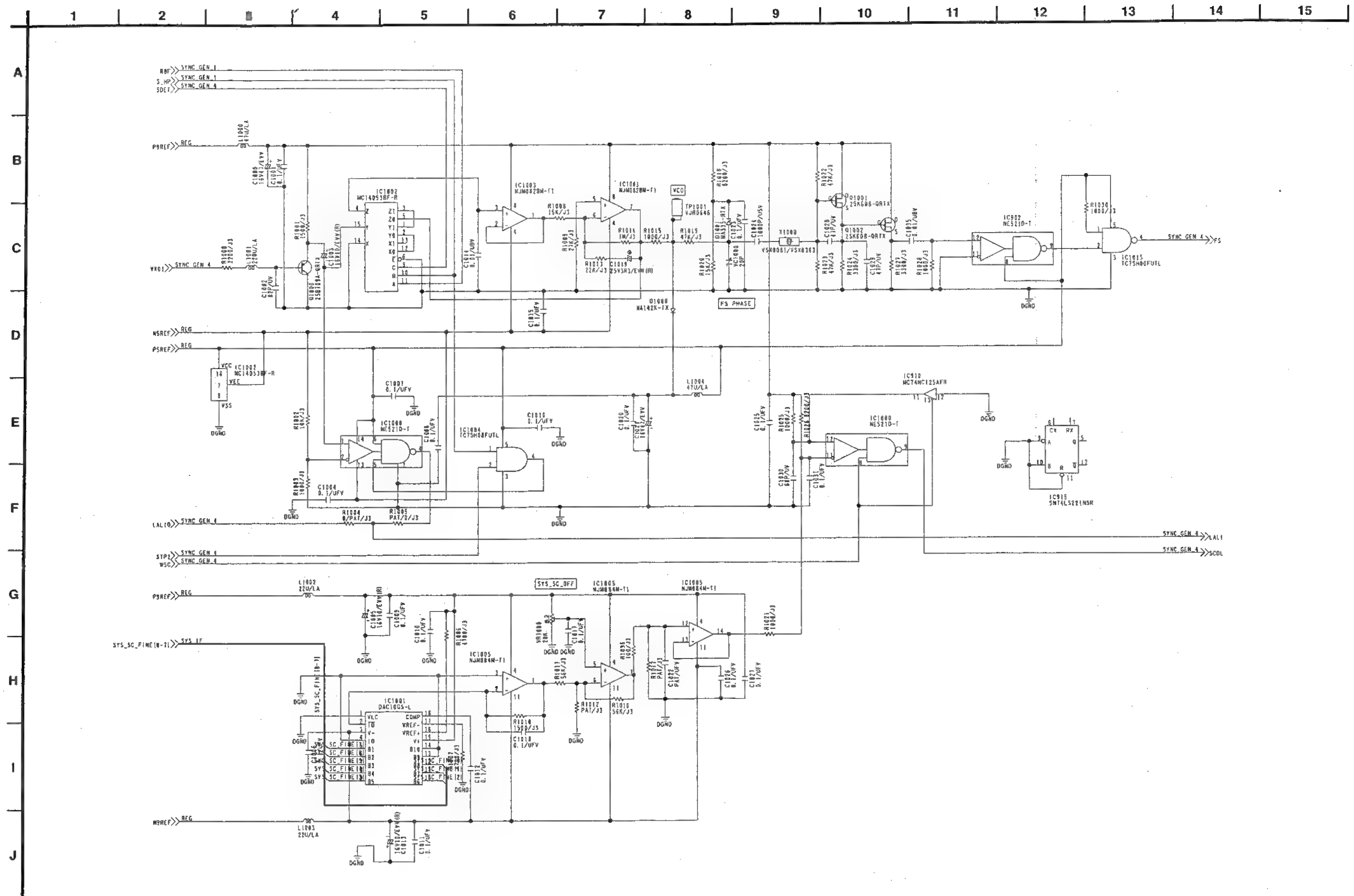
V OUT CMPSITE BUFF (F4 11/16) SCHEMATIC DIAGRAM



V OUT SYNC GEN 1 (F4 12/16) SCHEMATIC DIAGRAM



V OUT SYNC GEN 2 (F4 13/16) SCHEMATIC DIAGRAM

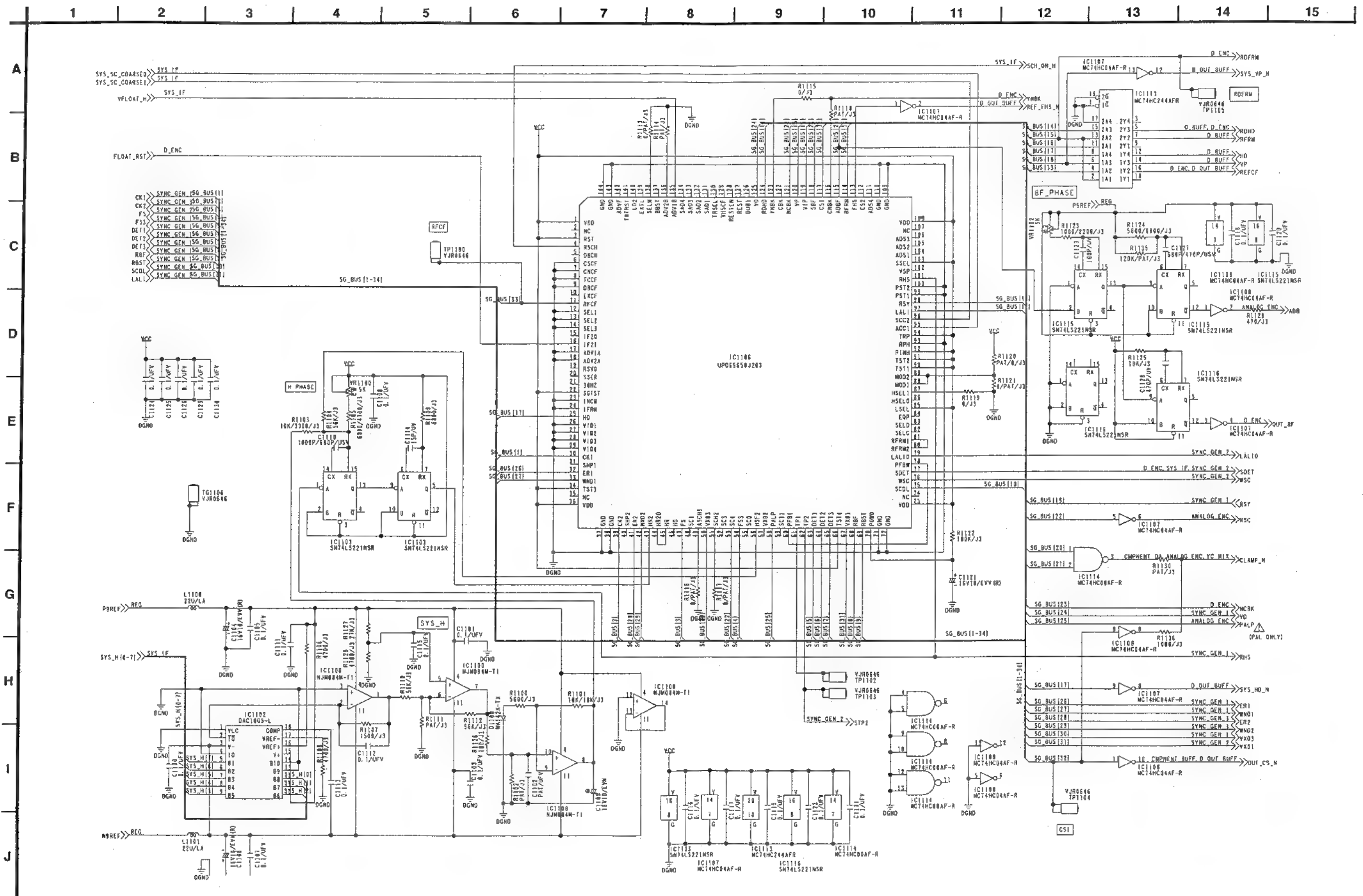


The schematic diagram illustrates a video processing circuit, likely a video-to-digital converter. The circuit is organized into several functional blocks:

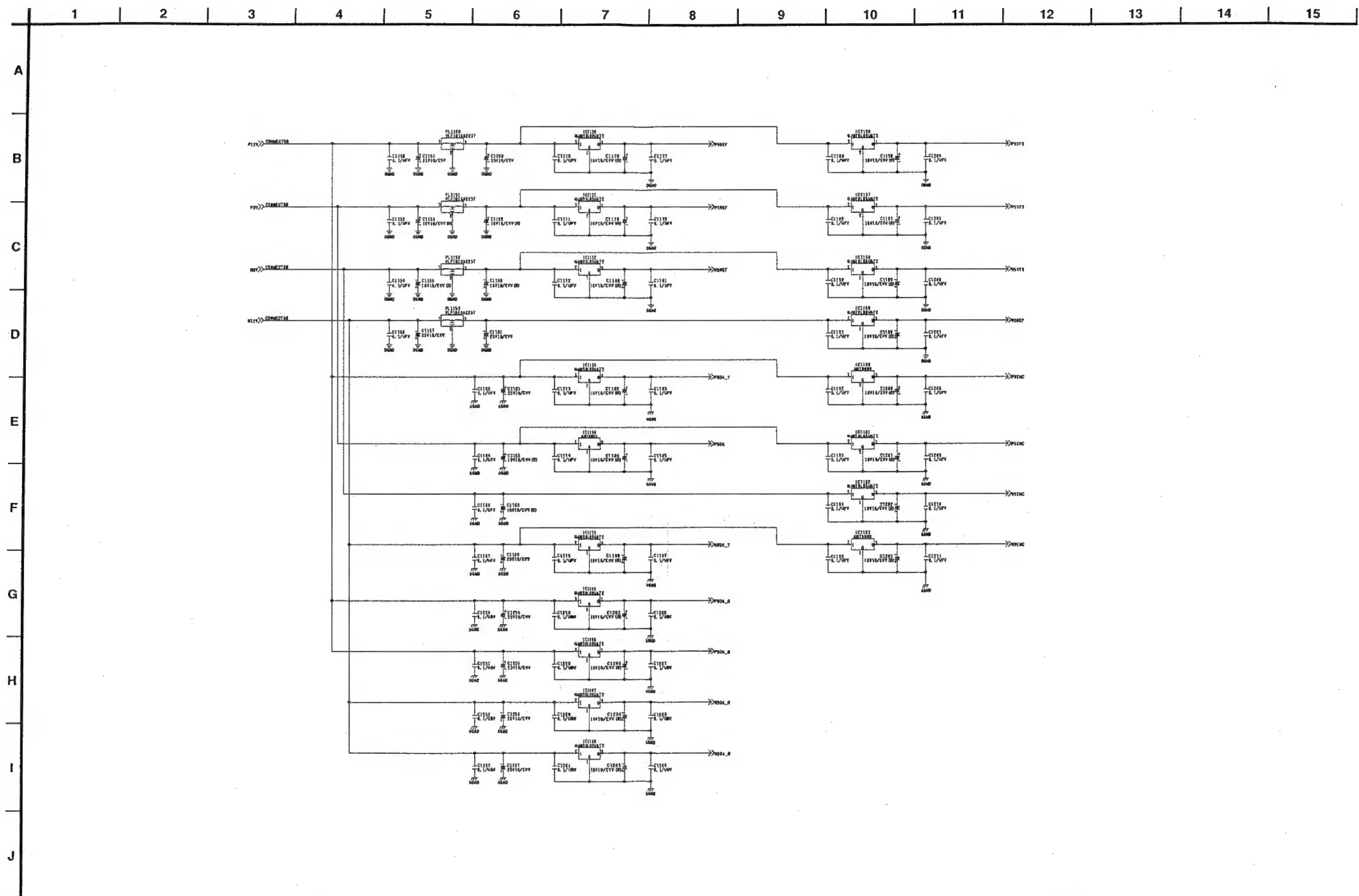
- Video Input Section:** This section includes IC1051 (NJM220M-T1) and IC1052 (NJM220M-T1). It processes the video input signal (VIDEO_PHASE) and the video sync signal (VIDEO_SYNC). The output of this section is connected to the video sync section.
- Video Phase Section:** This section includes IC1053 (SN74AS74ANSL) and IC1054 (SN74AS74ANSL). It generates the video phase signal (VIDEO_PHASE) and the video sync signal (VIDEO_SYNC).
- Video Sync Section:** This section includes IC1055 (SN74AS244NR) and IC1056 (SN74AS244NR). It generates the video sync signal (VIDEO_SYNC) and the video phase signal (VIDEO_PHASE).
- Video Output Section:** This section includes IC1057 (SN74AS74ANSL) and IC1058 (SN74AS74ANSL). It generates the video output signal (VIDEO_OUT) and the video sync signal (VIDEO_SYNC).
- Video Sync Generator:** This section includes IC1059 (SN74AS244NR) and IC1060 (SN74AS244NR). It generates the video sync signal (VIDEO_SYNC) and the video phase signal (VIDEO_PHASE).
- Video Sync Detector:** This section includes IC1061 (SN74AS244NR) and IC1062 (SN74AS244NR). It generates the video sync signal (VIDEO_SYNC) and the video phase signal (VIDEO_PHASE).

The circuit is powered by a 5V supply (VCC) and a 0V supply (GND). The video input signal (VIDEO_PHASE) is connected to the video input section. The video sync signal (VIDEO_SYNC) is connected to the video sync section. The video output signal (VIDEO_OUT) is connected to the video output section. The video sync generator (IC1059) and video sync detector (IC1060) are connected to the video sync section. The video phase section (IC1053) and video phase section (IC1054) are connected to the video phase section. The video output section (IC1057) and video output section (IC1058) are connected to the video output section.

V OUT SYNC GEN 4 (F4 15/16) SCHEMATIC DIAGRAM



V OUT REG (F4 16/16) SCHEMATIC DIAGRAM



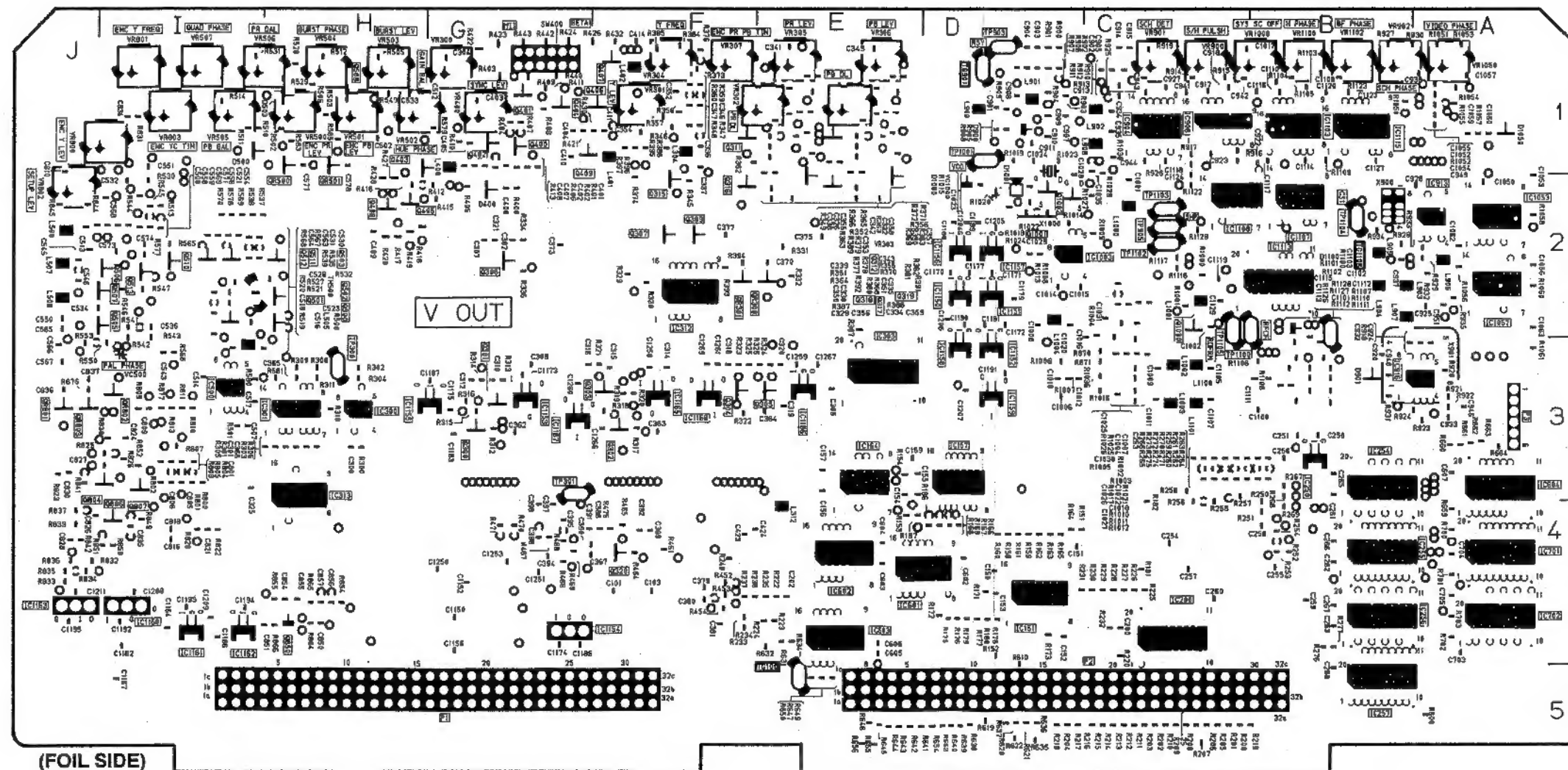
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B															
C															
D															
E															
F															
G															
H															
I															
J															

Ref. No.	AJ-D640P/AJ-D650P	AJ-D640/AJ-D650	AJ-D640E/AJ-D650E	Position
C327	ECUV1H120JCV	←		C-F-1
C331	ECUV1H120JCV	←		C-E-1
C338	ECUV1H100DCV	←		F-E-1
C342	ECUV1H100DCV	←		F-E-1
C405	ECUV1H180JCV	←	ECUV1H330JCV	F-G-1
C407	ECUV1H121JCV	←	ECUV1H271JCV	F-G-1
C408	ECUV1H120JCV	←		F-G-1
C540			ECUV1E104ZFY	C-J-2
C543			ECUV1E104ZFY	F-I-3
C544			ECUV1H120JCV	C-I-3
C545	ECUV1H330JCV	←	ECUV1H270JCV	F-J-2
C546	ECUV1H271JCV	←	ECUV1H221JCV	F-J-2
C547	ECUV1H220JCV	←		C-J-2
C548	ECUV1H680JCV	←	ECUV1H270JCV	C-J-2
C549	ECUV1H070DCV	←		C-J-2
C550	ECUV1H121JCV	←	ECUV1H101JCV	F-J-2
C563			ECUV1E104ZFY	F-I-2
C564			ECUV1E104ZFY	F-I-2
C565			ECUV1H100DCV	F-J-2
C566	ECUV1H100DCV	←	ECUV1H470JCV	F-J-3
C567			ECUV1H330JCV	F-J-3
C577	ECUV1E104ZFY			F-H-1
C578	ECUV1E104ZFY			F-H-1
C836	ECUV1E104ZFY			F-J-3
C837	ECUV1E104ZFY			F-J-3
C943	ECUV1H150JCV	←		F-C-1
C944	ECUV1H150JCV	←		F-C-1
C1110	ECUV1H102JV	←	ECUV1H681JV	F-B-1
C1127	ECUV1H681JV	←	ECUV1H471JCV	F-B-1
L400	VLQ0163J470	←	VLQ0163J101	F-G-1
L507	VLQ0163J270	←	VLQ0163J150	F-J-2
L508	VLQ0163J6R8	←	VLQ0163J5R6	F-J-2
L510	VLQ0163J5R6	←	VLQ0163J6R8	C-J-3
L800	VLQ0163J120	←	VLQ0163J150	C-I-3
L902	VLQ0163J680	←	VLQ0163J390	F-C-1
Q509			XN6501-TX	C-I-3
Q511			2SC2295-BCTX	F-I-2
Q512			2SC2295-BCTX	F-I-2
Q514			2SB709A-QRTX	C-I-2
R250			ERJ3GEYJ103V	F-B-4
R251	ERJ3GEYJ103V	←		F-B-4
R263			ERJ3GEYJ103V	F-B-3
R264	ERJ3GEYJ103V	←		F-B-3
R352	ERJ3GEYJ152V	←	ERJ3GEYJ102V	F-E-1
R356	ERJ3GEYJ152V	←	ERJ3GEYJ102V	F-E-1
R506			ERJ3GEYJ470V	F-H-1
R512	ERJ3GEYJ0R00V	←		F-H-1
R526	ERJ3GEYJ394V	←	ERJ3GEYJ124V	C-I-2
R542	ERJ3GEYJ181V	←	ERJ3GEYJ100V	F-I-2
R543	ERJ3GEYJ152V	←	ERJ3GEYJ102V	F-I-2
R551			ERJ3GEYJ102V	C-I-2
R552	ERJ3GEYJ102V	←		C-I-2
R553	ERJ3GEYJ0R00V	←		F-J-3
R554			ERJ3GEYJ391V	C-I-2
R555			ERJ3GEYJ103V	C-J-2
R556			ERJ3GEYJ181V	C-I-2

Ref. No.	AJ-D640P/AJ-D650P	AJ-D640/AJ-D650	AJ-D640E/AJ-D650E	Position
R557			ERJ3GEYJ181V	C-I-2
R558			ERJ3GEYJ561V	C-I-2
R562	ERJ3GEYJ102V	←		C-I-2
R563			ERJ3GEYJ102V	C-I-2
R564			ERJ3GEYJ561V	C-I-3
R566			ERJ3GEYJ103V	F-I-3
R567			ERJ3GEYJ562V	F-I-2
R568			ERJ3GEYJ562V	F-I-2
R569			ERJ3GEYJ223V	F-I-2
R570			ERJ3GEYJ223V	F-I-2
R575			ERJ3GEYJ152V	C-I-2
R576			ERJ3GEYJ470V	C-I-2
R578			ERJ3GEYJ223V	F-I-2
R583	ERJ3GEYJ152V			F-H-1
R585	ERJ3GEYJ152V			F-H-1
R801	ERJ3GEYJ182V	←	ERJ3GEYJ271V	F-I-3
R871	ERJ3GEYJ103V	←	ERJ3GEYJ123V	F-C-3
R874	ERJ3GEYJ332V			C-J-3
R876	ERJ3GEYJ563V			F-J-3
R877	ERJ3GEYJ104V			F-I-3
R914	ERJ3GEYJ223V	←	ERJ3GEYJ333V	F-C-1
R923	ERJ3GEYJ223V	←	ERJ3GEYJ332V	F-A-3
R1004	ERJ3GEYJ0R00V	←		F-C-3
R1005			ERJ3GEYJ0R00V	F-C-3
R1053	ERJ3GEYJ682V	←	ERJ3GEYJ222V	F-A-1
R1054	ERJ3GEYJ333V	←	ERJ3GEYJ103V	F-A-1
R1101	ERJ3GEYJ103V	←	ERJ3GEYJ183V	F-B-3
R1103	ERJ3GEYJ103V	←	ERJ3GEYJ332V	F-B-1
R1105	ERJ3GEYJ682V	←	ERJ3GEYJ472V	F-B-1
R1113	ERJ3GEYJ0R00V	←		C-B-2
R1116	ERJ3GEYJ0R00V	←		F-C-2
R1117	ERJ3GEYJ0R00V	←		F-C-2
R1120			ERJ3GEYJ0R00V	C-B-1
R1121	ERJ3GEYJ0R00V	←		C-B-1
R1123	ERJ3GEYJ102V	←	ERJ3GEYJ222V	F-B-1
R1124	ERJ3GEYJ562V	←	ERJ3GEYJ682V	C-B-1
R1135	ERJ3GEYJ124V	←		C-B-1
X900	VXS0338	←	VXS0270	C-A-2
X1000	VXS0081	←	VXS0363	C-D-2
QR500	MUN2213T1			F-H-2
QR501	MUN2213T1			F-H-2
QR801	MUN2213T1			F-J-3
QR802	MUN2213T1			F-I-2
QR803	MUN2212T1			F-J-2
SW400	VSS0372	←		C-G-1
VC500			ECV1ZW30X53T	C-I-3
VR504			EVMEGSA00B13	C-H-1
VR508	VRV0113B203T			C-H-1
VR509	VRV0113B203T			C-H-1
VR804	VRV0113B203T			C-J-3
VR805	VRV0113B204T			C-I-3
VR900	EVMEGSA00B54	←	EVMEGSA00B24	C-C-1
IC700	VSI2499B	←	VSI2500B	C-A-4

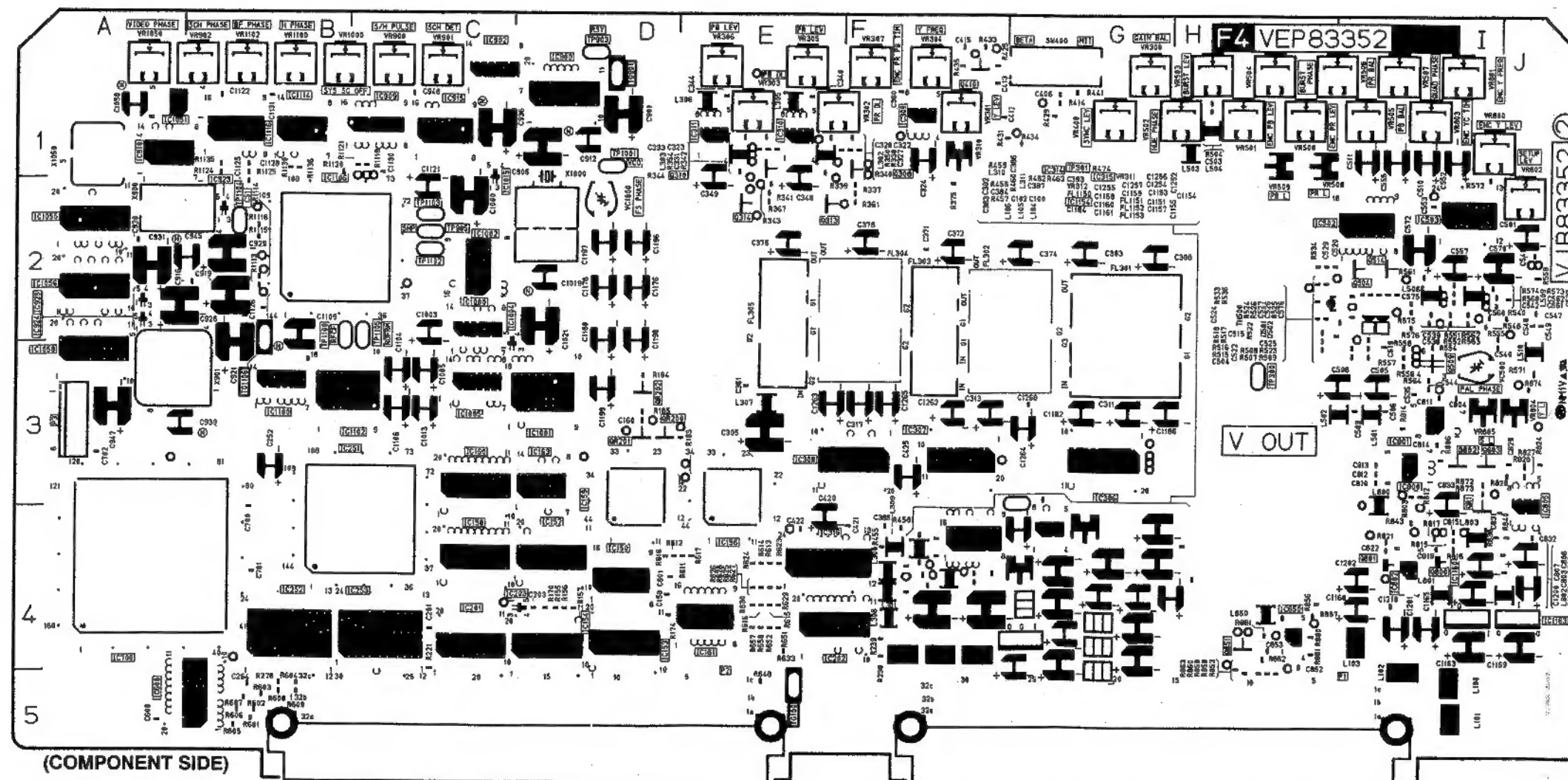
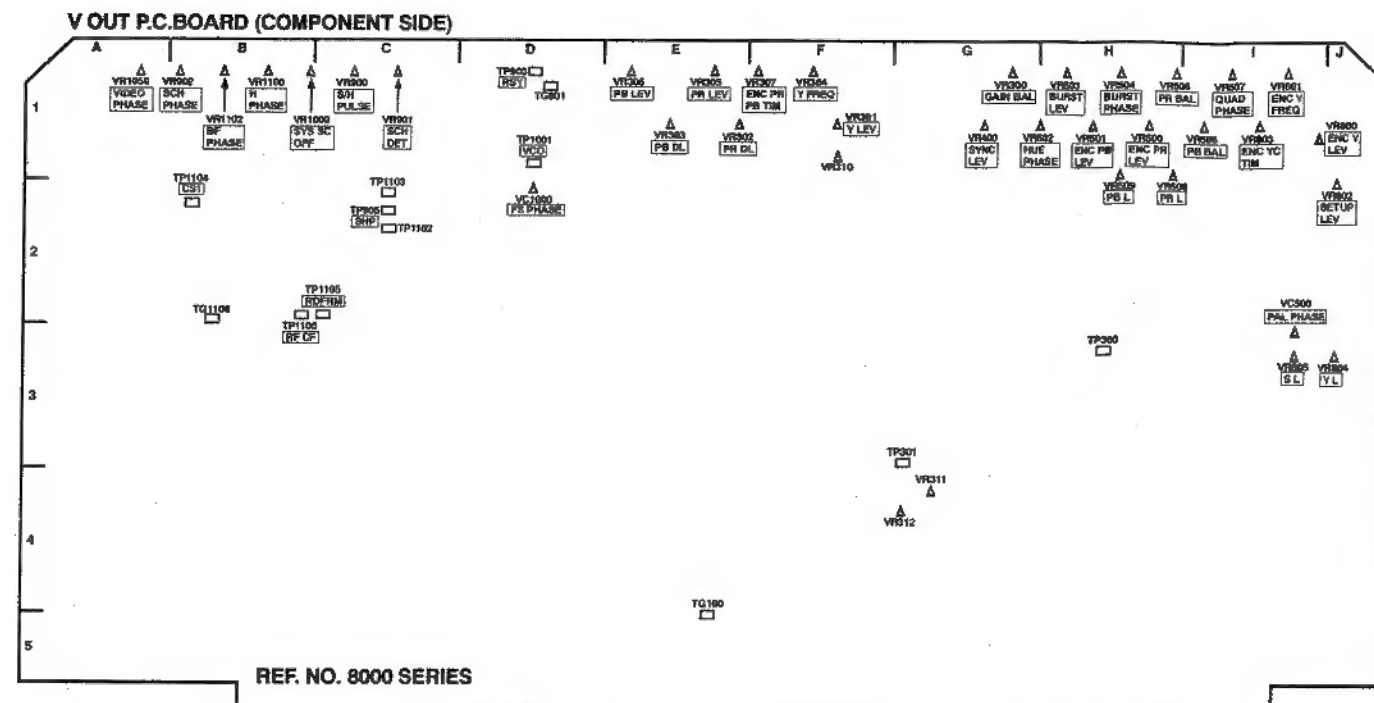
Position.....C: Component Side
F: Foil Side

F4 V OUT P.C. BOARD (VEP83352C)



V OUT (FOIL SIDE)			
Transistors		IC1003	
Q300	G-3	IC1053	D-2
Q301	G-3	IC1057	A-2
Q302	F-3	IC1103	B-1
Q303	F-3	IC1107	B-2
Q304	F-3	IC1108	C-2
Q305	E-3	IC1113	B-2
Q306	G-2	IC1115	B-1
Q307	F-2	IC1150	D-2
Q309	F-2	IC1151	D-2
Q311	F-1	IC1152	D-3
Q312	E-1	IC1153	G-3
Q315	F-2	IC1154	G-4
Q316	F-2	IC1155	H-3
Q317	E-2	IC1156	D-2
Q318	E-2	IC1157	D-2
Q319	E-2	IC1158	D-3
Q320	F-4	IC1159	D-3
Q400	G-1	IC1160	I-4
Q401	G-1	IC1161	I-4
Q402	G-1	IC1162	I-4
Q403	H-1	IC1163	J-4
Q404	G-1	IC1165	F-3
Q405	G-2	IC1166	E-3
Q408	F-1	IC1167	G-3
Q407	F-1	IC1168	F-3
Q408	H-2		
Q409	G-1	Test Points	
Q500	H-2	TG100	E-5
Q501	I-2	TG901	D-1
Q502	H-2	TG1106	B-2
Q503	H-2	TP300	H-3
Q506	I-2	TP301	G-3
Q506	I-2	TP903	D-1
Q507	I-2	TP905	C-2
Q508	H-1	TP1001	D-1
Q510	I-2	TP1100	B-2
Q511	I-2	TP1102	C-2
Q512	I-2	TP1103	C-2
Q513	I-2	TP1104	B-2
Q504	I-3	TP1105	C-2
Q806	I-4	Adjustments	
Q807	I-3	VC500	I-3
Q850	H-4	VC1000	D-2
Q1000	C-2	VR300	G-1
Q1001	D-2	VR301	F-1
Q1002	D-2	VR302	F-1
		VR304	F-1
		VR305	E-1
		VR306	E-1
		VR307	F-1
		VR400	G-1
		VR500	H-1
		VR501	H-1
		VR502	H-1
		VR503	H-1
		VR504	H-1
		VR505	I-1
		VR506	H-1
		VR507	I-1
		VR800	J-1
		VR801	I-1
		VR802	J-2
		VR803	I-1
		VR900	C-1
		VR901	C-1
		VR902	B-1
		VR1000	B-1
		VR1050	A-1
		VR1100	B-1
		VR1102	B-1
		Connectors	
		P1	G-5
		P2	C-5
		P3	A-3
Transistor & Resistors		Integrated Circuits	
OR300	E-2	IC151	D-4
OR301	F-2	IC157	D-3
OR500	H-2	IC164	E-3
OR501	H-1	IC200	C-4
OR801	J-1	IC250	B-3
OR802	I-3	IC254	B-3
OR803	J-3	IC255	B-4
		IC256	B-4
		IC257	B-5
		IC300	H-3
		IC301	H-3
		IC312	F-2
		IC313	H-3
		IC500	I-3
		IC601	E-4
		IC602	E-4
		IC603	E-4
		IC604	A-3
		IC701	A-4
		IC702	A-4
		IC804	C-1
		IC808	C-1
		IC813	A-2
		IC816	A-3

ADDRESS INFORMATION



V OUT (COMPONENT SIDE)				
Transistors			IC1114	B-1
Q308	F-1		IC1116	B-1
Q310	E-1		IC1154	G-4
Q313	E-2		IC1160	I-4
Q314	E-2		IC1163	J-4
Q410	F-1		Test Points	
Q504	I-2		TG100	E-5
Q509	I-3		TG801	D-1
Q514	I-2		TG1106	B-3
Q800	I-4		TP300	H-3
Q801	I-4		TP301	G-4
Q802	I-2		TP903	D-1
Q803	I-3		TP905	C-2
Q851	H-4		TP1001	D-1
Transistor & Resistors			TP1100	B-2
QR1	I-3		TP1102	C-2
QR200	D-3		TP1103	C-2
QR201	D-3		TP1104	B-2
QR202	D-3		TP1105	C-2
Integrated Circuits		Adjustments		
IC150	D-4	VC500	I-3	
IC152	D-4	VC1000	D-2	
IC153	D-4	VR300	G-1	
IC154	D-4	VR301	F-1	
IC156	E-3	VR302	F-1	
IC158	C-4	VR303	E-1	
IC159	D-3	VR304	F-1	
IC180	C-3	VR305	E-1	
IC161	E-4	VR306	E-1	
IC163	D-3	VR307	F-1	
IC201	C-4	VR310	F-1	
IC202	F-4	VR311	G-4	
IC203	D-4	VR312	G-4	
IC251	C-3	VR400	G-1	
IC252	B-4	VR500	H-1	
IC253	C-4	VR501	H-1	
IC306	G-3	VR502	G-1	
IC307	F-3	VR503	H-1	
IC308	E-3	VR504	H-1	
IC309	F-1	VR505	I-1	
IC310	E-1	VR506	I-1	
IC311	E-1	VR507	I-1	
IC314	G-4	VR508	H-1	
IC315	G-4	VR509	H-1	
IC316	E-4	VR600	I-1	
IC502	I-2	VR801	I-1	
IC503	I-2	VR802	J-2	
IC600	B-5	VR803	I-1	
IC700	A-4	VR804	J-3	
IC800	I-3	VR805	I-3	
IC801	I-3	VR900	C-1	
IC802	I-4	VR901	C-1	
IC805	J-3	VR902	B-1	
IC850	H-4	VR1000	B-1	
IC900	D-1	VR1050	A-1	
IC902	C-1	VR1100	B-1	
IC909	C-1	VR1102	B-1	
IC910	A-1	Connectors		
IC915	C-1	P1	I-4	
IC923	B-2	P2	E-4	
IC924	A-2	P3	A-3	
IC925	A-2			
IC1000	C-2			
IC1001	D-3			
IC1002	C-2			
IC1004	D-2			
IC1005	C-3			
IC1015	C-2			
IC1051	A-1			
IC1055	A-2			
IC1056	A-2			
IC1058	A-3			
IC1100	B-3			
IC1102	C-3			
IC1106	B-2			